



Columbia University  
in the City of New York

# CATALOGUE

1915-1916

5 0 1 8 1 5 2 6

1915/16

**C** Columbia University  
in the City of New York  
College of Physicians and Surgeons



**Reference Library**

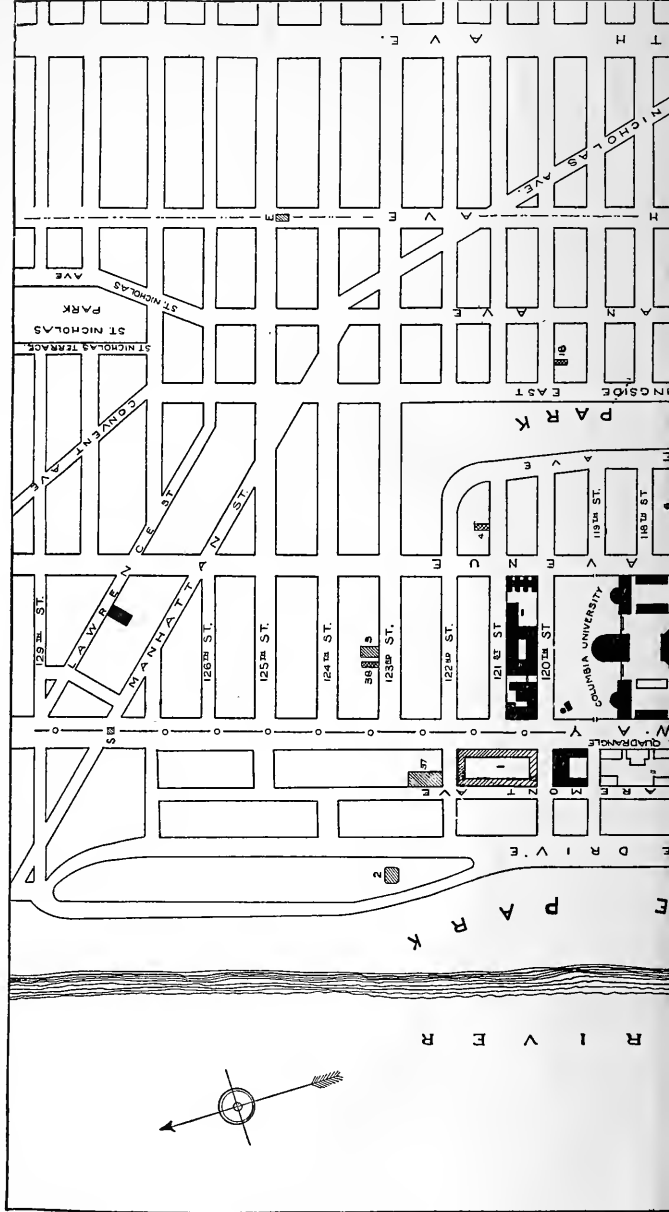
Digitized by the Internet Archive  
in 2010 with funding from  
Open Knowledge Commons

<http://www.archive.org/details/catalogue1915colu>

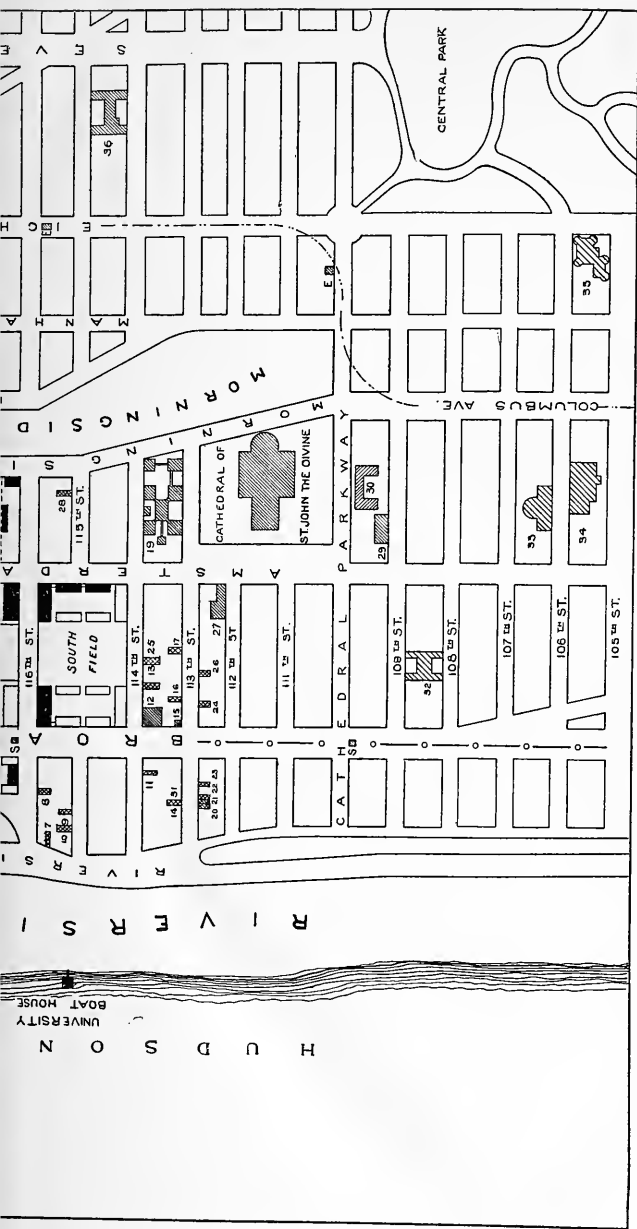
1. Union Theological Seminary
2. Grant's Mausoleum
3. Jewish Theological Seminary
4. Phi Sigma Delta
5. Zeta Psi
6. Beta Theta Pi
7. Delta Psi
8. Delta Phi
9. Psi Upsilon
10. Alpha Chi Rho
11. Phi Gamma Delta
12. St. Luke's Home
13. Phi Sigma Kappa

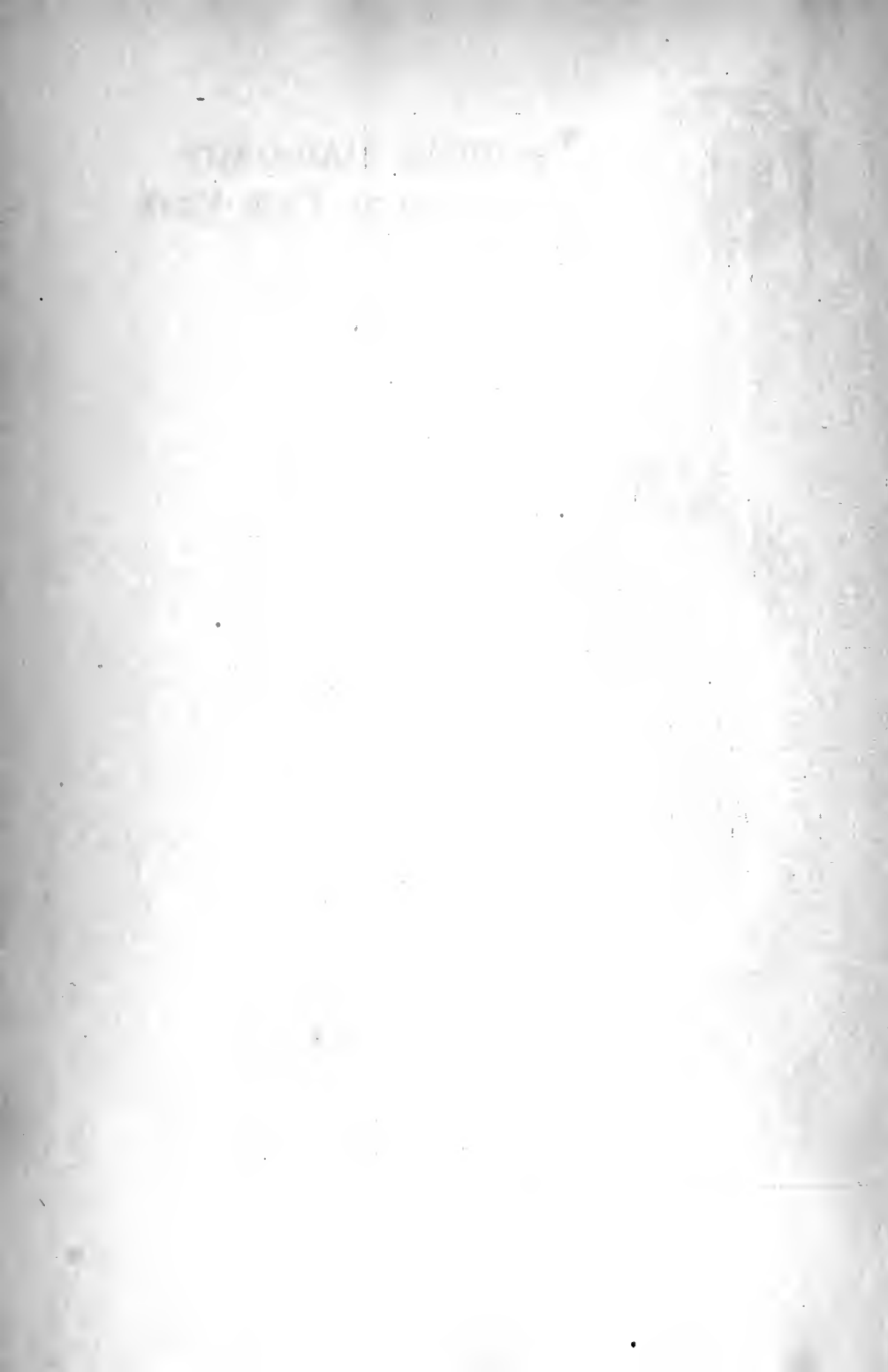
14. Theta Delta Chi
15. Corn Exchange Bank (University Branch)
16. Phi Delta Theta
17. Sigma Alpha Epsilon
18. Sigma Chi
19. St. Luke's Hospital
20. Theta Xi
21. Delta Tau Delta
22. Alpha Delta Phi
23. Delta Kappa Epsilon
24. Delta Upsilon
25. Phi Kappa Sigma
26. Sigma Nu

27. Home for Old Men and Aged Couples
28. Zeta Beta Tau
29. National Academy of Design
30. Woman's Hospital
31. Phi Kappa Psi
32. Public School No. 165
33. Home for the Aged of the Little Sisters of the Poor
34. Home for the Aged and Infirm Hebrews
35. General Memorial Hospital
36. Wadleigh High School
37. Alpha Sigma Phi
38. Epsilon Psi Epsilon











Columbia University  
in the City of New York

# CATALOGUE

1915-16

Spec Coll  
McColl  
Series  
C  
1915/1916

### FORM OF BEQUEST

To the Trustees of Columbia University in the City of New York I give and bequeath the sum of \$ \_\_\_\_\_, to be used by said Trustees for the uses and purposes of said Corporation.

# CONTENTS

	PAGE
TRUSTEES . . . . .	1
Standing Committees . . . . .	1
TRUSTEES OF OTHER CORPORATIONS . . . . .	2
UNIVERSITY COUNCIL . . . . .	4
OFFICERS OF ADMINISTRATION . . . . .	5
EMERITUS OFFICERS . . . . .	6
ADMINISTRATIVE BOARD OF THE SUMMER SESSION . . . . .	7
ADMINISTRATIVE BOARD OF EXTENSION TEACHING . . . . .	7
ADMINISTRATIVE BOARD OF INSTRUCTION AND RESEARCH IN AGRICULTURE . . . . .	7
ADMINISTRATIVE BOARD OF THE SCHOOL OF JOURNALISM . . . . .	7
ADMINISTRATIVE BOARD OF THE SCHOOL OF ARCHITECTURE . . . . .	7
BOARD OF MANAGERS, VANDERBILT CLINIC . . . . .	8
BOARD OF MANAGERS, SLOANE HOSPITAL FOR WOMEN . . . . .	8
BOARD OF MANAGERS, GEORGE CROCKER SPECIAL RESEARCH FUND. . . . .	8
ADVISORY COMMITTEE ON ART . . . . .	8
UNIVERSITY COMMITTEE ON STUDENT ORGANIZATIONS. . . . .	8
LIBRARY COUNCIL. . . . .	8
ADVISORY BOARD OF THE SCHOOL OF JOURNALISM . . . . .	9
BOARD OF VISITORS, SCHOOL OF ARCHITECTURE . . . . .	9
MEMBERS OF FACULTIES AND TEACHING STAFF . . . . .	10
GENERAL STATEMENT . . . . .	44
Historical . . . . .	44
Buildings and Grounds . . . . .	45
Organization . . . . .	46
Schools and Colleges. . . . .	47
Departments and Divisions. . . . .	49
GENERAL REGULATIONS . . . . .	50
Status of Students. . . . .	50
Registration . . . . .	50
Withdrawal . . . . .	50
Fees. . . . .	51
Administration Procedure . . . . .	51
Deposits . . . . .	52
EMPLOYMENT FOR STUDENTS . . . . .	53
APPOINTMENT WORK . . . . .	53
RELATIONS BETWEEN THE UNIVERSITY AND OTHER INSTITUTIONS . . . . .	54
THE LIBRARY. . . . .	56
BOOK STORE . . . . .	57
UNIVERSITY COMMONS. . . . .	57
RESIDENCE HALLS. . . . .	57
OTHER LIVING ACCOMMODATIONS . . . . .	58

	PAGE
PUBLIC WORSHIP AND RELIGIOUS WORK . . . . .	59
EARL HALL . . . . .	59
MEDICAL ATTENDANCE . . . . .	59
STUDENT ORGANIZATIONS . . . . .	60
GREEK-LETTER FRATERNITIES . . . . .	60
DIVISIONAL AND DEPARTMENTAL STATEMENTS . . . . .	61
Introductory . . . . .	61
Agriculture . . . . .	62
Anatomy . . . . .	63
Anthropology . . . . .	64
Architecture . . . . .	65
Astronomy . . . . .	68
Bacteriology . . . . .	69
Biological Chemistry . . . . .	70
Biology . . . . .	72
Botany . . . . .	72
Chemistry . . . . .	75
Chemical Engineering . . . . .	80
Civil Engineering . . . . .	81
Classical Philology . . . . .	85
Clinical Instruction, Courses in Dermatology, Genito-Urinary Diseases, Laryngology, Ophthalmology, Orthopedic Surgery, and Otology . . . . .	90
Diseases of Children . . . . .	91
Drafting . . . . .	92
Economics and Social Science . . . . .	93
Education . . . . .	99
Electrical Engineering . . . . .	107
English and Comparative Literature . . . . .	109
Geology . . . . .	114
Germanic Languages and Literatures . . . . .	116
Gynecology . . . . .	121
History . . . . .	122
Hygiene and Preventive Medicine . . . . .	128
Journalism . . . . .	128
Law . . . . .	129
Private Law . . . . .	129
Public Law and Comparative Jurisprudence . . . . .	130
Mathematics . . . . .	133
Mechanical Engineering . . . . .	136
Metallurgy . . . . .	137
Mineralogy . . . . .	139
Mining . . . . .	140
Music . . . . .	142
Neurology . . . . .	143
Obstetrics . . . . .	144
Oriental Languages . . . . .	144
Chinese . . . . .	144
Indo-Iranian Languages . . . . .	145
Semitic Languages . . . . .	146
Pathology . . . . .	148

# CONTENTS

V

	PAGE
Pharmacology . . . . .	149
Pharmacy . . . . .	149
Philosophy and Psychology. . . . .	152
Physical Education . . . . .	156
Physics . . . . .	157
Physiology . . . . .	161
Practice of Medicine. . . . .	162
Religion . . . . .	164
Romance Languages and Literatures. . . . .	165
Surgery . . . . .	170
Zoölogy . . . . .	172
UNDERGRADUATE ENTRANCE REQUIREMENTS . . . . .	174
General Statement . . . . .	174
Examinations and Records . . . . .	174
Credits. . . . .	175
Examination Subjects . . . . .	175
COLUMBIA COLLEGE . . . . .	182
The Faculty . . . . .	182
Admission . . . . .	182
Advanced Standing . . . . .	182
To Special Courses . . . . .	182
Program of Studies . . . . .	182
General Regulations . . . . .	183
Degree of A.B. or B.S. with Honors . . . . .	183
Degree of A.B. or B.S. . . . .	184
Options in the Professional Schools . . . . .	184
Miscellaneous . . . . .	185
SCHOOL OF LAW . . . . .	186
The Faculty . . . . .	186
Purposes of the School. . . . .	186
Requirements for Admission . . . . .	186
To Advanced Standing . . . . .	186
Non-Matriculated Students . . . . .	187
Examinations . . . . .	187
Curriculum . . . . .	188
SCHOOL OF MEDICINE (College of Physicians and Surgeons) . . . . .	189
The Faculty . . . . .	189
Historical Statement. . . . .	189
Equipment . . . . .	190
Main Building . . . . .	190
Presbyterian Hospital . . . . .	190
Library . . . . .	190
Vanderbilt Clinic . . . . .	191
Sloane Hospital . . . . .	191
Hospital Clinics. . . . .	192
Plan of Instruction . . . . .	192
Clinical Clerkships . . . . .	193
Requirements for Admission . . . . .	193
Advanced Standing . . . . .	193
As Special Students . . . . .	194

	PAGE
Requirements of Graduation . . . . .	194
Course of Study . . . . .	196
SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY . . . . .	198
The Faculty . . . . .	198
Courses . . . . .	198
Admission . . . . .	199
Requirements for Admission . . . . .	199
Preparatory Courses in Columbia College . . . . .	199
Special Courses . . . . .	199
Rules Governing Students . . . . .	200
Equipment . . . . .	201
Courses of Study . . . . .	201
Mining Engineering . . . . .	201
Metallurgical Engineering . . . . .	203
Civil Engineering . . . . .	204
Sanitary Engineering . . . . .	205
Electrical Engineering . . . . .	206
Mechanical Engineering . . . . .	207
Chemical Engineering . . . . .	208
Chemistry . . . . .	209
FACULTY OF POLITICAL SCIENCE . . . . .	211
The Faculty . . . . .	211
General Statement . . . . .	211
Courses of Instruction . . . . .	211
FACULTY OF PHILOSOPHY . . . . .	211
The Faculty . . . . .	211
General Statement . . . . .	212
Courses of Instruction . . . . .	212
FACULTY OF PURE SCIENCE . . . . .	212
The Faculty . . . . .	212
General Statement . . . . .	213
Courses of Instruction . . . . .	213
REGULATIONS FOR THE UNIVERSITY DEGREES . . . . .	214
Doctor of Philosophy . . . . .	215
Master of Arts . . . . .	218
Master of Laws . . . . .	219
TABLE OF DISTRIBUTION OF GRADUATE REGISTRATION . . . . .	219
SCHOOL OF ARCHITECTURE . . . . .	220
Administrative Board . . . . .	220
General Statement . . . . .	220
Building and Equipment . . . . .	220
Admission . . . . .	221
Advanced Standing . . . . .	221
Candidacy for the Degree . . . . .	221
Program of Studies . . . . .	222
Schedule of Courses . . . . .	222
SCHOOL OF JOURNALISM . . . . .	225
Advisory Board . . . . .	225
Aims of the School . . . . .	225
Buildings and Equipment . . . . .	225
Requirements for Admission . . . . .	225



	PAGE
Advanced Standing . . . . .	225
Non-Matriculated Students . . . . .	225
Foreign Language Test . . . . .	225
Program of Study . . . . .	226
Stenography and Typewriting . . . . .	227
Admission of Women . . . . .	227
BARNARD COLLEGE . . . . .	228
Faculty . . . . .	228
Standing Committees . . . . .	228
General Statement . . . . .	228
Admission . . . . .	229
On Probation . . . . .	229
Advanced Standing . . . . .	229
Special Students . . . . .	230
Matriculation, Registration, Fees . . . . .	230
Program of Studies . . . . .	230
Courses in Graduate Faculties and Professional Schools . . . . .	231
TEACHERS COLLEGE . . . . .	233
Faculty of Education . . . . .	233
Faculty of Practical Arts . . . . .	233
General Statement . . . . .	233
School of Education . . . . .	234
School of Practical Arts . . . . .	234
COLLEGE OF PHARMACY . . . . .	237
Faculty . . . . .	237
Officers of Instruction . . . . .	237
General Statement . . . . .	237
Admission . . . . .	237
College Course . . . . .	237
Method of Instruction . . . . .	239
TABLE OF AGGREGATE ATTENDANCE ON ALL COURSES, 1914-1915 . . . . .	240
TABLE OF RESIDENCE OF STUDENTS IN THE UNITED STATES . . . . .	242
TABLE OF RESIDENCE OF STUDENTS IN FOREIGN COUNTRIES . . . . .	243
TABLE OF REGISTRATION AT COLUMBIA UNIVERSITY, 1914-1915 . . . . .	244
SUMMER SESSION . . . . .	245
General Statement . . . . .	245
Fees . . . . .	245
Summary of Registration . . . . .	245
TABLE OF SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO RESIDENCE . . . . .	246
TABLE OF SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO ATTENDANCE ON COURSES . . . . .	248
EXTENSION TEACHING . . . . .	250
General Statement . . . . .	250
Students . . . . .	250
Courses of Instruction . . . . .	250
Registration . . . . .	251
Fees . . . . .	251
Admission . . . . .	251
Location . . . . .	252
Institute of Arts and Sciences . . . . .	252

	PAGE
TABLE OF AGGREGATE ATTENDANCE ON EXTENSION TEACHING	
COURSES . . . . .	253
DEGREES CONFERRED DURING 1914-1915 . . . . .	254
Honorary Degrees . . . . .	278
COMMENCEMENT CALENDAR, 1915 . . . . .	278
TABLE OF DEGREES AND DIPLOMAS GRANTED . . . . .	279
FELLOWSHIPS, SCHOLARSHIPS, AND OTHER PROVISION FOR THE	
ASSISTANCE AND REWARD OF STUDENTS . . . . .	280
General Regulations . . . . .	280
Fellowships . . . . .	280
Scholarships . . . . .	286
Loan Funds . . . . .	291
Medals and Prizes . . . . .	291
Fellows and Scholars . . . . .	296
Award of Honors, Columbia College, 1915 . . . . .	300
Scholarships and Prizes, Columbia College . . . . .	300
Fellowships, Scholarships, and Prizes in the College of Physicians	
and Surgeons . . . . .	300
Scholarships and Prizes in the Schools of Mines, Engineering, and	
Chemistry . . . . .	300
Scholarships and Fellowships in the School of Architecture . . . .	301
Barnard College: Scholars, Honors, and Prizes . . . . .	301
Teachers College: Fellows and Scholars . . . . .	302
College of Pharmacy: Prizes . . . . .	303
EXCHANGE PROFESSORS . . . . .	305
STATED LECTURESHIPS . . . . .	307
ALUMNI FEDERATION . . . . .	309
ALUMNI ORGANIZATIONS . . . . .	311
UNIVERSITY PUBLICATIONS . . . . .	313
Official Publications . . . . .	313
Columbia University Press . . . . .	314
Alumni and Student Publications . . . . .	315
ACADEMIC CALENDAR . . . . .	317
SUMMARY OF OFFICERS AND STUDENTS . . . . .	323
REGISTERS OF STUDENTS . . . . .	353
Columbia College; School of Law; School of Medicine; Schools of	
Mines, Engineering and Chemistry; Faculty of Political Science,	
Philosophy and Pure Science; School of Architecture; School of	
Journalism; Barnard College; Teachers College; College of	
Pharmacy . . . . .	
INDEX . . . . .	477

## TRUSTEES

GERARD BEEKMAN.....	35 East 38th Street
GEORGE L. RIVES ( <i>Chairman</i> ).....	69 East 79th Street
JOHN B. PINE ( <i>Clerk</i> ).....	63 Wall Street
HERMANN H. CAMMANN.....	84 William Street
WILLIAM BARCLAY PARSONS.....	60 Wall Street
FRANCIS SEDGWICK BANGS.....	161 West 73rd Street
BENJAMIN AYMAR SANDS.....	46 Cedar Street
NICHOLAS MURRAY BUTLER.....	Columbia University
T. MATLACK CHEESMAN.....	Garrison-on-Hudson, N.Y.
HORACE W. CARPENTIER.....	108 East 37th Street
MARCELLUS HARTLEY DODGE.....	691 Fifth Avenue
REV. WILLIAM T. MANNING.....	27 West 25th Street
RT. REV. DAVID H. GREER.....	Synod House, Amsterdam Ave. and 110th St.
WILLARD V. KING.....	60 Broadway
WILLIAM FELLOWES MORGAN.....	Arch 11, Brooklyn Bridge
[Alumni Trustee 1910-1916]	
STEPHEN BAKER.....	40 Wall Street
JAMES DUANE LIVINGSTON.....	111 Broadway
[Alumni Trustee 1912-1917]	
FREDERIC R. COUDERT.....	2 Rector Street
WALTER MENDELSON.....	159 West 74th Street
[Alumni Trustee 1913-1918]	
CHARLES F. HOFFMAN.....	258 Broadway
GEORGE L. INGRAHAM.....	247 Fifth Avenue
[Alumni Trustee 1914-1919]	
AMBROSE D. HENRY.....	71 Broadway
[Alumni Trustee 1915-1920]	
ARTHUR S. DWIGHT.....	29 Broadway
[Alumni Trustee 1915-1921]	
NEWCOMB CARLTON.....	195 Broadway
<hr/>	
JOHN McLEAN NASH ( <i>Treasurer</i> ).....	63 Wall Street
OFFICE OF THE TRUSTEES.....	63 Wall Street

## STANDING COMMITTEES, 1916

NOTE. — The date after each name indicates the expiration of term of office.

ON FINANCE: MR. BAKER (1920) (*Chairman*), MR. RIVES (1917), MR. BANGS (1918), MR. HOFFMAN (1919), MR. DODGE (1921).

ON BUILDINGS AND GROUNDS: MR. PINE (1918) (*Chairman*), PRESIDENT BUTLER (*ex-officio*), MR. MORGAN (1917), MR. DODGE (1919), MR. HOFFMAN (1920).

ON HONORS: MR. PARSONS (1919) (*Chairman*), MR. SANDS (1917), MR. RIVES (1918), MR. BAKER (1920), JUDGE INGRAHAM (1921).

ON EDUCATION: MR. PARSONS (1920) (*Chairman*), MR. RIVES (*ex-officio*), PRESIDENT BUTLER (*ex-officio*), DR. MENDELSON (1917), MR. COUDERT (1918), MR. HENRY (1919), MR. BANGS (1921).

## TRUSTEES OF OTHER CORPORATIONS

### BARNARD COLLEGE

SILAS B. BROWNELL, *Chairman*

Mrs. A. A. ANDERSON, *Vice-Chairman*

FREDERIC B. JENNINGS, *Clerk*

GEORGE A. PLIMPTON, *Treasurer*

SILAS B. BROWNELL	PRESIDENT BUTLER
Mrs. JOSEPH H. CHOATE	ALBERT G. MILBANK
Mrs. ALFRED MEYER	MISS CLARA B. SPENCE
GEORGE A. PLIMPTON	HOWARD TOWNSEND
Mrs. JAMES TALCOTT	Mrs. GINO C. SPERANZA
Mrs. HENRY FAIRFIELD OSBORN	JOHN G. MILBURN
Mrs. A. A. ANDERSON	GEORGE L. RIVES
EDWARD W. SHELDON	MISS CHARLOTTE S. BAKER
The Very Rev. WILLIAM M. GROSVENOR	PIERRE JAY
FREDERIC B. JENNINGS	Mrs. CHARLES CARY RUMSEY
Mrs. HENRY N. MUNN	Mrs. OGDEN MILLS REID
	Mrs. GEORGE MCANENY
	Mrs. CAROLINE B. CROCKER

### COMMITTEES

EXECUTIVE COMMITTEE: DR. BROWNELL (*Chairman*), Mrs. ANDERSON (*Vice-Chairman*), Mr. JENNINGS (*Clerk*), Mr. MILBURN, Miss SPENCE, Miss BAKER, Dr. GROSVENOR, Mrs. RUMSEY, the PRESIDENT and the TREASURER (*ex-officio*).

ON FINANCE: Mr. TOWNSEND (*Chairman*), Mr. JAY, Mr. RIVES, and the Chairman of the BOARD OF TRUSTEES (*ex-officio*).

ON BUILDINGS AND GROUNDS: (*Chairman*), Miss SPENCE, Mrs. RUMSEY, the PRESIDENT and the Chairman of the BOARD OF TRUSTEES (*ex-officio*).

ON EDUCATION: Mr. MILBURN (*Chairman*), Mrs. OSBORN, Miss BAKER, the PRESIDENT and the Chairman of the BOARD OF TRUSTEES (*ex-officio*).

### TEACHERS COLLEGE

V. EVERIT MACY, *Chairman*

FRANK R. CHAMBERS, *Vice-Chairman*

NEWBOLD MORRIS, *Secretary*

CLARK WILLIAMS, *Treasurer*

ARTHUR TURNBULL, *Assistant Treasurer*

PETER B. OLNEY	ARTHUR ISELIN
B. TALBOT B. HYDE	HORACE E. ANDREWS
JAMES SPEYER	FELIX M. WARBURG
JAMES E. RUSSELL	WILLIAM B. OSGOOD FIELD
Mrs. FREDERICK F. THOMPSON	DUNLEVY J. MILBANK
NICHOLAS MURRAY BUTLER	PHILIP A. ROLLINS
Mrs. HELEN HARTLEY JENKINS	RICHARD M. HOE
DAVID SNEDDEN	LIDA L. TALL
	CLEVELAND H. DODGE

## COLLEGE OF PHARMACY

NICHOLAS MURRAY BUTLER, *President*  
 CHARLES F. CHANDLER, *Vice-President*  
 WILLIAM JAY SCHIEFFELIN, *Vice-President*  
 CLARENCE O. BIGELOW, *Treasurer*  
 THOMAS F. MAIN, *Secretary*  
 CHARLES W. HOLZHAUER, *Assistant Secretary*  
 W. B. SIMPSON, *Clerk of the College*

*Term Expires 1916*

OTTO P. AMEND  
 ADOLPH HENNING

CASWELL A. MAYO  
 REUBEN R. SMITH

HENRY C. LOVIS

*Term Expires 1917*

MAX J. BREITENBACH  
 ROBERT S. LEHMAN

JACOB WEIL  
 IRVING MCKESSON

FREDERICK K. JAMES

*Term Expires 1918*

ARTHUR H. ELLIOTT  
 WILLIAM P. RITCHEY

DAVID COSTELO  
 ERNEST STAUFFEN

V. CHAPIN DAGGETT

## UNIVERSITY COUNCIL

[NOTE. — The date after each name indicates the expiration of term of office.]

The President of the University  
The Dean of the Faculties of Political Science, Philosophy and Pure Science  
The Dean of Columbia College  
The Dean of the Faculty of Applied Science  
The Dean of the Faculty of Law  
The Dean of the Faculty of Medicine  
The Dean of Barnard College  
The Dean of Teachers College  
The Dean of the College of Pharmacy  
The Provost of the University  
The Provost of Barnard College  
The Director of the Summer Session and Extension Teaching  
The Director of the School of Journalism  
The Director of the School of Architecture

### Elected Delegates

*Faculty of Political Science* — Professor SELIGMAN, Chairman of Committee on Instruction, Professor MUNROE SMITH (1916), Professor DUNNING (1917)

*Faculty of Philosophy* — Professor CALVIN THOMAS, Chairman of Committee on Instruction, Professor TRENT (1916), Professor DEWEY (1917)

*Faculty of Pure Science* — Professor PEGRAM, Chairman of Committee on Instruction, Professor WILSON (1916), Professor HARPER (1917)

*Faculty of Columbia College* — Professor KEYSER (1916), Professor HERVEY (1917)

*Faculty of Law* — Professor BURDICK (1916), Professor REDFIELD (1917)

*Faculty of Medicine* — Professor LEE (1916), Professor WOOD (1917)

*Faculty of Applied Science* — Professor LUCKE (1916), Professor ALEXANDER SMITH (1917)

*Faculty of Barnard College* — Professor RICHARDS (1918)

*Faculty of Education* — Professor LODGE (1916), Professor PAUL MONROE (1917)

*Faculty of Practical Arts* — Professor BIGELOW (1918), Professor KINNE (1917)

*Union Theological Seminary* — Acting President MCGIFFERT

*General Theological Seminary* — Dean ROBBINS

## OFFICERS OF ADMINISTRATION

- NICHOLAS MURRAY BUTLER, Ph.D., Jur.D., LL.D., D.Litt., President of the University
- FREDERICK J. E. WOODBRIDGE, A.M., LL.D., Dean of the Faculties of Political Science, Philosophy, and Pure Science
- FREDERICK PAUL KEPPEL, A.B., D.Litt., Dean of Columbia College
- FREDERICK ARTHUR GOETZE, M.Sc., Dean of the Faculty of Applied Science
- HARLAN F. STONE, A.M., LL.B., Dean of the Faculty of Law
- SAMUEL W. LAMBERT, M.D., Dean of the Faculty of Medicine
- VIRGINIA C. GILDERSLEEVE, Ph.D., Dean of Barnard College and Adviser of Women Graduate Students
- JAMES EARL RUSSELL, Ph.D., LL.D., Dean of Teachers College
- HENRY H. RUSBY, M.D., Dean of the College of Pharmacy
- GEORGE C. DIEKMAN, M.D., Associate Dean of the College of Pharmacy
- WILLIAM H. CARPENTER, Ph.D., Provost of the University and Acting Director of the School of Architecture
- WILLIAM T. BREWSTER, A.M., Provost of Barnard College
- JAMES C. EGBERT, Ph.D., Director of the Summer Session and of Extension Teaching
- TALCOTT WILLIAMS, LL.D., L.H.D., D.Litt., Director of the School of Journalism
- JOHN W. CUNLIFFE, M.A., D.Litt., Associate Director of the School of Journalism
- ADAM LEROY JONES, Ph.D., Director of University Admissions
- HARRISON R. STEEVES, Ph.D., Assistant Director of University Admissions
- WILHELM A. BRAUN, Ph.D., Director of the Deutsches Haus
- MADELEINE H. DOBY, B. ès L., Secretary of the Maison Française
- FRANK DIEHL FACKENTHAL, A.B., Secretary of the University
- KATHARINE S. DOTY, A.M., Secretary of Barnard College
- CLIFFORD BREWSTER UPTON, A.M., Secretary of Teachers College
- CHARLES W. HUNT, Assistant Secretary of Teachers College
- THOMAS F. MAIN, Secretary of the College of Pharmacy
- WALTER B. SIMPSON, Clerk of the College of Pharmacy
- HELEN C. WADELTON, Recorder
- CORNELIA P. MACY, Recorder
- ELIZABETH H. WHEELER, Recorder of the Medical School
- ISABELLE L. PRATT, Recorder of Teachers College
- PAUL C. HOLTER, A.B., Secretary of Appointments
- FRANK A. DICKEY, A.B., Registrar of the University
- EDWARD J. GRANT, A.B., Assistant Registrar
- EDWARD K. HAYT, A.M., Assistant Registrar and Assistant Bursar at the Medical School
- ANNA E. H. MEYER, A.B., Registrar of Barnard College
- FLORENCE E. PECK, Registrar of Teachers College
- CHARLES S. DANIELSON, Bursar of the University
- MRS. N. W. LIGGETT, A.B., Bursar of Barnard College
- CYRUS HURLBURT POMEROY, Bursar of Teachers College

DEAN P. LOCKWOOD, Ph.D., Acting Librarian of the University  
 FREDERICK C. HICKS, A.M., LL.B., Law Librarian  
 ROGER HOWSON, A.M., Bibliographer and Assistant to the Librarian  
 ISADORE G. MUDGE, Ph.B., B.L.S., Reference Librarian  
 FREDERIC W. ERB, Ph.B., Supervisor Loan Department  
 FRANK C. ERB, Supervisor Shelf Department  
 HARRIET B. PRESCOTT, Supervisor Catalogue Department  
 ELIZABETH G. BALDWIN, Librarian of Teachers College  
 ALFRED L. ROBERT, Librarian of the Medical School  
 EDWARD R. SMITH, A.B., Reference Librarian, Avery Architectural  
 Library  
 EMMA D. LEE, Librarian Applied Science Libraries  
 FELICIN N. VEXLER, A.M., Librarian School of Philosophy  
 M. FLORENCE WILSON, Librarian Natural Science Libraries  
 HELEN REX KELLER, A.M., Librarian School of Journalism  
 RALPH F. MILLER, Librarian of Columbia College  
 BERTHA L. ROCKWELL, Librarian of Barnard College  
 FREDERICK ARTHUR GOETZE, M.Sc., Comptroller  
 HENRY LEE NORRIS, M.E., Superintendent of Buildings and Grounds  
 REV. RAYMOND C. KNOX, S.T.D., Chaplain of the University  
 GEORGE LOUIS MEYLAN, A.M., M.D., Medical Director of the Gymnasium  
 CHARLES T. MCFARLANE, Pd.D., Controller of Teachers College  
 CLIFFORD K. BROWN, A.B., Secretary of Earl Hall  
 WILLIAM H. MCCASTLINE, M.D., University Medical Officer  
 EMMA P. SMITH, A.M., Secretary for Women Graduate Students  
 THOMAS D. WOOD, A.M., M.D., College Physician at Teachers College  
 LUCETTA DANIELL, Social Director, Teachers College

---

Officers of Administration, 63 (23 of whom are also members of the Faculties and the teaching staff)

### Foreign Correspondents of Teachers College

*For Austria* — DR. FRANZ SKÁBERNE, of the Austrian Cultus Ministerium, Vienna

*For England and Wales* — A. E. TWENTYMAN, Esq., Librarian of the Board of Education, Whitehall, London, S.W.

*For France* — PROFESSOR JULES COULET, Director of the Bureau of Information, the Sorbonne, Paris

*For Germany* — PROFESSOR DR. GOETZE, Director of the Arndt Gymnasium, Berlin-Dahlem

*For Scotland* — J. CLARK, Esq., Clerk of the School Board, Glasgow

### Emeritus Officers

JOHN D. QUACKENBOS, A.M., M.D. .... Rhetoric  
 ABRAHAM JACOB, M.D., LL.D. .... Diseases of Children  
 GEORGE M. LEFFERTS, M.D., M.Sc. .... Laryngology  
 ARTHUR H. ELLIOTT, Ph.D., F.C.S. .... Chemistry, College of Pharmacy  
 FREDERICK R. HUTTON, E.M., Ph.D., Sc.D. .... Mechanical Engineering



ROBERT F. WEIR, M.D. ....	Surgery
T. MITCHELL PRUDDEN, M.D., LL.D. ....	Pathology
CHARLES F. CHANDLER, M.D., LL.D., Sc.D. ....	Chemistry
VIRGIL COBLENTZ, Ph.D. ....	Chemistry, College of Pharmacy
JOHN W. BURGESS, Ph.D., LL.D., Jur.D. ....	Political Science and Constitutional Law
HENRY M. HOWE, A.M., LL.D., Sc.D. ....	Metallurgy
HENRY S. MUNROE, E.M., Ph.D., Sc.D. ....	Mining
M. ALLEN STARR, M.D., LL.D., Sc.D. ....	Neurology

(13)

**Administrative Board of the Summer Session**

(Term expires June 30, 1916)

Director EGBERT	Dean KEPPEL
Professor PAUL MONROE	Dean GILDERSLEEVE
	Dean WOODBRIDGE

(5)

**Administrative Board of Extension Teaching**

(Term expires June 30, 1916)

Director EGBERT	Dean KEPPEL
Professor PAUL MONROE	Dean GILDERSLEEVE
	Dean WOODBRIDGE

(5)

**Administrative Board on Instruction and Research in Agriculture**

Professor O. S. MORGAN, <i>Chairman</i>	Professor CURTIS
Professor EGBERT	Professor MUSSEY
Professor LOVELL	Professor HARPER
Professor H. C. SHERMAN	Hon. A. S. DOWNING

(8)

**Administrative Board of the School of Journalism**

(Term expires June 30, 1918)

President BUTLER	Professor TRENT
Dean KEPPEL	Professor SEAGER
Director WILLIAMS	Professor SHOTWELL
Associate Director CUNLIFFE	Professor A. H. THORNDIKE
	Professor BEARD

(9)

**Administrative Board of the School of Architecture**

(Term expires June 30, 1917)

Professor HAMLIN	Professor HARRIMAN
Professor F. D. SHERMAN	Provost CARPENTER
Professor WARREN	Secretary FACKENTHAL
	Associate BORING

(7)

**Board of Managers of Vanderbilt Clinic**

Mr. F. W. VANDERBILT  
Dr. CHEESMAN

Dr. S. W. LAMBERT  
Dr. F. C. WOOD

Dr. H. M. PAINTER

(5)

**Board of Managers of the Sloane Hospital for Women**

Mr. SLOANE  
Mr. RIVES

Dr. LAMBERT  
Dr. CRAGIN

Dr. F. C. WOOD

(5)

**Board of Managers of the George Crocker Special Research Fund**

(Term expires June 30, 1918)

Dr. MENDELSON  
Dr. CHEESMAN  
President BUTLER

Dean LAMBERT  
Professor MACCALLUM  
Director WOOD

Professor LONGCOPE

(7)

**Advisory Committee on Art**

EDWIN H. BLASHFIELD, N.A., A.M. DANIEL C. FRENCH, A.M., N.A., Litt.D.  
WILLIAM RUTHERFORD MEAD, N.A., LL.D.

(3)

**University Committee on Student Organizations**

Mr. FACKENTHAL, *Chairman* (1920)

Professor H. G. LORD (1916)  
Professor KEMP (1918)

Professor SLICHTER (1917)  
Professor FLETCHER (1919)

5

**University Committee on Athletics**

Faculty Members  
Mr. FACKENTHAL  
Dr. MEYLAN  
Mr. DICKEY

Graduate Members  
Mr. MAPES  
Mr. SIMS  
Mr. ALEXANDER  
Mr. FISHER, *ex-officio*

Student Members  
Mr. SHEA  
Mr. FRANKLIN  
Mr. WATT

**Library Council**

President BUTLER, *ex-officio* (*Chairman*)

*To serve until June 30, 1916:* Professors WHEELER (Classical Philology), SMITH (Teachers College), RAUTENSTRAUCH (Mechanical Engineering), HARPER (Botany), Instructor BARRY (Chemistry)

*To serve until June 30, 1917:* Professors TRENT (English), KEYSER (Mathematics), WOOD (Medicine), ABBOTT (Law)

*To serve until June 30, 1918:* Professors SHOTWELL (History), SIMKHOVITCH (Economics), WEEKS (Romance Philology), LOCKWOOD (Classical Philology)

(14)

**Advisory Board of the School of Journalism**

PRESIDENT BUTLER.....	Columbia University
SOLOMON B. GRIFFIN [1915-1919]..	Springfield Republican, Springfield, Mass.
JOHN L. HEATON .....	New York World, New York
GEORGE S. JOHNS .....	St. Louis Post-Dispatch, St. Louis, Mo.
VICTOR F. LAWSON.....	Chicago Daily News, Chicago, Ill.
CHARLES R. MILLER.....	New York Times, New York
E. P. MITCHELL.....	The Sun, New York
RALPH PULITZER.....	New York World, New York
MELVILLE E. STONE.....	Associated Press, New York
CHARLES H. TAYLOR.....	Boston Globe, Boston, Mass.
S. C. WELLS.....	Philadelphia Press, Philadelphia, Pa.

(11)

**Committee of Visitors to the School of Architecture**

On the nomination of the Alumni Association of the School of Architecture:

I. N. PHELPS STOKES	JOHN RUSSELL POPE
	GOODHUE LIVINGSTON

On the nomination of the New York Chapter of the American Institute of Architects:

EGERTON SWARTWOUT	CHARLES A. PLATT
	BERTRAM G. GOODHUE

On the nomination of the Society of Beaux Arts Architects:

HENRY F. HORNPOSTEL	LLOYD WARREN
(9)	THOMAS HASTINGS

## MEMBERS OF FACULTIES AND TEACHING STAFF

**NICHOLAS MURRAY BUTLER**.....President of the University  
A.B., Columbia, 1882; A.M., 1883; Ph.D., 1884; LL.D., Syracuse, 1898; Tulane, 1901; Johns Hopkins, Princeton, Yale, and University of Pennsylvania, 1902; Chicago, 1903; Manchester and St. Andrews, 1905; Cambridge, 1907; Williams, 1908; Harvard and Dartmouth, 1909; Brown, 1914; Toronto, 1915; D.Litt., Oxford, 1905; Jur. D., Breslau, 1911; Officier de la Légion d'Honneur, 1906, Commandeur, 1912; Order of the Red Eagle (Prussia), Commander, 1910; Member, American Academy of Arts and Letters, 1911.

### PROFESSORS

**MUNROE SMITH**...Professor of Roman Law and Comparative Jurisprudence  
A.B., Amherst, 1874; A.M., 1880; LL.B., Columbia, 1877; LL.D., 1904; J.U.D. Göttingen, 1880; J.D., Louvain, 1909.

**RICHARD J. H. GOTTHEIL**,  
Professor of Rabbinical Literature and the Semitic Languages  
A.B., Columbia, 1881; Ph.D., Leipzig, 1886.

**EDWIN R. A. SELIGMAN**.....McVickar Professor of Political Economy  
A.B., Columbia, 1879; A.M., 1883; LL.B., 1884; Ph.D., 1884; LL.D., 1904.

**WILLIAM HENRY CARPENTER**,  
Villard Professor of Germanic Philology and Provost of the University  
A.B., Hamilton, 1881; Ph.D., Freiburg, 1881.

**ALFRED D. F. HAMLIN**.....Professor of the History of Architecture  
A.B., Amherst, 1875; A.M., 1885; L.H.D., St. John's College (Md.), 1912.

**ALFRED J. MOSES**.....Professor of Mineralogy  
E.M., Columbia, 1882; Ph.D., 1890.

**GEORGE S. HUNTINGTON**.....Professor of Anatomy  
A.B., Trinity, 1881; A.M., 1884; M.D., Columbia, 1884; Sc.D., 1904; LL.D. Jefferson Medical College, 1907.

**HERBERT L. OSGOOD**.....Professor of History  
A.B., Amherst, 1877; A.M., 1880; LL.D., 1907; Ph.D., Columbia, 1889.

<sup>2</sup> **J. MCKEEN CATTELL**.....Professor of Psychology  
A.B., Lafayette, 1880; A.M., 1883; LL.D., 1907; Ph.D., Leipzig, 1886; Member of National Academy of Sciences.

**FRANCIS M. BURDICK**.....Dwight Professor of Law  
A.B., Hamilton, 1869; LL.B., 1872; LL.D., 1895.

<sup>1</sup> **GEORGE W. KIRCHWEY**.....Kent Professor of Law  
A.B., Yale, 1879; LL.D., Yale, University of Cincinnati, New York University, 1908.

**JOHN BASSETT MOORE**,  
Hamilton Fish Professor of International Law and Diplomacy  
Graduate, Virginia, 1880; LL.D., Columbia, 1899; Delaware, 1900; Yale, 1901; University of Chile, 1910; Brown, 1914.

**HENRY FAIRFIELD OSBORN**.....Research Professor of Zoölogy  
A.B., Princeton, 1877; Sc.D., 1880; LL.D., Trinity College (Hartford), 1901; Princeton, 1902; Columbia 1907; Sc.D., Cambridge, 1904; Ph.D. (Hon.), Christiania, 1911; Member of National Academy of Sciences.

**EDWARD DELAVAN PERRY**.....Jay Professor of Greek  
A.B., Columbia, 1875; LL.D., 1904; A.M., and Ph.D., Tübingen, 1879.

**FRANK DEMPSTER SHERMAN**.....Professor of Graphics  
Ph.B., Columbia, 1884.

<sup>1</sup> Absent on leave 1915-16.

<sup>2</sup> Absent on leave first half-year.

- WILLIAM A. DUNNING... Lieber Professor of History and Political Philosophy  
A.B., Columbia, 1881; A.M., 1883; Ph.D., 1885; LL.D., 1904.
- ABRAHAM VALENTINE WILLIAMS JACKSON,  
Professor of Indo-Iranian Languages  
A.B., Columbia, 1883; A.M., 1884; L.H.D., 1885; Ph.D., 1886; LL.D., 1904.
- ADOLPHE COHN..... Professor of the Romance Languages and Literatures  
B. és. L., Paris, 1868; LL.B., 1873; A.M., 1874; Chevalier de la Légion d'Honneur, 1900;  
Officier de la Légion d'Honneur, 1913. Cavaliere della Corona d'Italia.
- EDMUND B. WILSON..... Da Costa Professor of Zoölogy  
Ph.B., Yale, 1878; LL.D., 1901; Ph.D., Johns Hopkins, 1881; LL.D., 1902; LL.D.,  
Chicago, 1901; Sc.D., Cambridge, 1909; M.D. (Hon.), Leipzig, 1909; Member of National  
Academy of Sciences.
- <sup>1</sup> JAMES FURMAN KEMP..... Professor of Geology  
A.B., Amherst, 1881; Sc.D., 1906; E.M., Columbia, 1884; LL.D., McGill, 1913; Member  
of National Academy of Sciences.
- ROBERT PEELE..... Professor of Mining  
E.M., Columbia, 1883.
- <sup>3</sup> BRANDER MATTHEWS..... Professor of Dramatic Literature  
A.B., Columbia, 1871; LL.B., 1873; A.M., 1874; LL.D., 1904; D.C.L., University of the  
South, 1899; Litt.D., Yale, 1901; LL.D., Miami, 1909; Chevalier de la Légion d'Honneur,  
1907; Member American Academy of Arts and Letters.
- <sup>1</sup> MICHAEL IDVORSKY PUPIN, Professor of Electro-Mechanics and Director of  
Phoenix Research Laboratories  
A.B., Columbia, 1883; Sc.D., 1904; Ph.D., Berlin, 1889; LL.D., Johns Hopkins, 1915;  
Member of National Academy of Sciences.
- WILLIAM H. BURR..... Professor of Civil Engineering  
C.E., Rensselaer Polytechnic, 1872.
- HENRY ALFRED TODD..... Professor of Romance Philology  
A.B., Princeton, 1876; Ph.D., Johns Hopkins, 1885.
- FRANKLIN HENRY GIDDINGS,  
Professor of Sociology and the History of Civilization  
A.B., Union, 1877; A.M., 1889; Ph.D., 1897; LL.D., Oberlin, 1900.
- GEORGE F. CANFIELD..... Professor of Law  
A.B., Harvard, 1875; LL.B., 1880.
- <sup>2</sup> THOMAS SCOTT FISKE..... Professor of Mathematics  
A.B., Columbia, 1885; A.M., 1886; Ph.D., 1888.
- HAROLD JACOBY..... Rutherford Professor of Astronomy  
A.B., Columbia, 1885; Ph.D., 1895.
- <sup>1</sup> JOHN B. CLARK..... Professor of Political Economy  
A.B., Amherst, 1872; Ph.D., 1890; LL.D., 1897; LL.D., Princeton, 1896; Christiania,  
1911.
- JAMES RIGNALL WHEELER..... Professor of Greek Archæology and Art  
A.B., Vermont, 1880; LL.D., 1909; A.M. and Ph.D., Harvard, 1885; LL.D., Colorado,  
1914.
- <sup>2</sup> FRANK N. COLE..... Professor of Mathematics  
A.B., Harvard, 1882; A.M., and Ph.D., 1886.
- JAMES HARVEY ROBINSON..... Professor of History  
A.B., Harvard, 1887; A.M., 1888; Ph.D., Freiburg, 1890.
- FREDERIC S. LEE..... Dalton Professor of Physiology  
A.B., St. Lawrence, 1878; A.M., 1881; Ph.D., Johns Hopkins, 1885.
- JAMES CHIDESTER EGBERT..... Professor of Latin  
A.B., Columbia 1881; A.M., 1882; Ph.D., 1884.
- CALVIN THOMAS,  
Gebhard Professor of the Germanic Languages and Literatures  
A.B., Michigan, 1874; A.M. 1877; LL.D., 1904.

<sup>1</sup> Absent on leave 1915-16.<sup>2</sup> Absent on leave first half-year.<sup>3</sup> Absent on leave second half-year.

- EDWIN B. CRAGIN**.....Professor of Obstetrics and Gynecology  
A.B., Yale, 1882; A.M. (Hon.), 1907; M.D., Columbia, 1886.
- BASHFORD DEAN**.....Professor of Vertebrate Zoölogy  
A.B., College of the City of New York, 1886; A.M., Columbia, 1889; Ph.D., 1890;  
Chevalier de la Légion d'Honneur, 1910.
- WILLIAM MILLIGAN SLOANE**.....Seth Low Professor of History  
A.B., Columbia, 1868; L.H.D., 1887; A.M., and Ph.D., Leipzig, 1876; LL.D., Rutgers,  
1898; Princeton, 1903; Union, 1912; Chevalier de la Légion d'Honneur, 1910; Member  
American Academy of Arts and Letters.
- EARL B. LOVELL**.....Professor of Civil Engineering  
C.E., Cornell, 1891.
- <sup>2</sup> **FRANZ BOAS**.....Professor of Anthropology  
Ph.D., Kiel, 1881; LL.D., Clark, 1909; Sc.D., Oxford, 1912; Member of National  
Academy of Sciences.
- JOHN FRANCIS WOODHULL**... Professor of Physical Science in Teachers College  
A.B., Yale, 1880; Ph.D., Columbia, 1899.
- FRANKLIN THOMAS BAKER**,  
Professor of the English Language and Literature in Teachers College  
A.B., Dickinson, 1885; A.M., 1889; Litt.D., 1908; A.M., Columbia, 1900.
- RICHARD ELWOOD DODGE**.....Professor of Geography in Teachers College  
A.B., Harvard, 1890; A.M., 1894.
- VIRGIL PRETTYMAN**, Principal of Horace Mann School for Boys with rank of  
Assistant Professor in Teachers College  
A.B., Dickinson, 1892; A.M., 1895; Pd.D., 1905.
- JAMES EARL RUSSELL**.....Barnard Professor of Education  
A.B., Cornell, 1887; Ph.D., Leipzig, 1894; LL.D., Dickinson, 1903; Colorado, 1905;  
McGill, 1909.
- HELEN KINNE**... Professor of Household Arts Education in Teachers College  
Diploma, Teachers College, 1890.
- <sup>1</sup> **FRANK M. McMURRY**,  
Professor of Elementary Education in Teachers College  
Ph.D., Jena, 1889.
- <sup>3</sup> **PAUL MONROE**, Professor of the History of Education and Director of the  
School of Education in Teachers College  
B.S., Franklin, 1890; M.A., 1895; Ph.D., Chicago, 1897; LL.D., Peking, China, 1913.
- <sup>3</sup> **WILLIAM P. TRENT**.....Professor of English Literature  
M.A., Virginia, 1884; LL.D., Wake Forest, 1899; D.C.L., University of the South, 1905.
- <sup>3</sup> **HERBERT G. LORD**.....Professor of Philosophy  
A.B., Amherst, 1871; A.M., 1900.
- NELSON GLENN MCCREA**,  
Anthon Professor of the Latin Language and Literature  
A.B., Columbia, 1885; A.M., 1886; Ph.D., 1888.
- GONZALEZ LODGE**..... Professor of Latin and Greek in Teachers College  
A.B., Johns Hopkins, 1883; Ph.D., 1886; LL.D., Franklin and Marshall, 1901.
- CLARENCE H. YOUNG**.....Professor of Greek  
A.B., Columbia, 1888; A.M., 1889; Ph.D., 1891.
- JAMES MACLAY**.....Professor of Mathematics  
C.E., Columbia, 1888; Ph.D., 1899.
- MARSTON TAYLOR BOGERT**.....Professor of Organic Chemistry  
A.B., Columbia, 1890; Ph.B., 1894; LL.D., Clark, 1909.
- J. LIVINGSTON RUTGERS MORGAN**..... Professor of Physical Chemistry  
B.S., Rutgers, 1892; A.M., and Ph.D., Leipzig, 1895.
- HENRY E. CRAMPTON**.....Professor of Zoölogy  
A.B., Columbia, 1893; Ph.D., 1899.

<sup>1</sup> Absent on leave 1915-16.<sup>2</sup> Absent on leave first half-year.<sup>3</sup> Absent on leave second half-year.

- <sup>1</sup> EDWARD LEE THORNDIKE,  
Professor of Educational Psychology in Teachers College  
A.B., Wesleyan, 1895; A.B., Harvard, 1896; A.M., 1897; Ph.D., Columbia, 1898.
- <sup>1</sup> CHARLES HUBERT FARNSWORTH,  
Associate Professor of School Music in Teachers College
- HENRY S. REDFIELD.....Nash Professor of Law  
A.B., Amherst, 1877; A.M., 1887; LL.D., 1901.
- DAVID EUGENE SMITH.....Professor of Mathematics in Teachers College  
Ph.B., Syracuse, 1881; Ph.M., 1884; Ph.D., 1887; LL.D., 1905; M.Pd., Michigan State  
Normal, 1898.
- THOMAS DENISON WOOD.....Professor of Physical Education  
A.B., Oberlin, 1888; A.M., 1891; M.D., Columbia, 1891.
- CHARLES THADDEUS TERRY.....Professor of Law  
A.B., Williams, 1889; LL.B., Columbia, 1893.
- WALTER B. JAMES.....Professor of Clinical Medicine  
A.B., Yale, 1879; M.D., Columbia, 1883; LL.D., 1904; A.M. (Hon.), Yale, 1906.
- WILLIAM J. GIES.....Professor of Biological Chemistry  
B.S., Pennsylvania College, 1893; M.S., 1896; Sc.D., 1914; Ph.B., Yale, 1894; Ph.D.,  
1897.
- WILLIAM T. BREWSTER.....Professor of English  
A.B., Harvard, 1892; A.M., 1893.
- GEORGE CLINTON DENSMORE ODELL.....Professor of English  
A.B., Columbia, 1889; A.M., 1890; Ph.D., 1893.
- CHARLES KNAPP.....Professor of Classical Philology  
A.B., Columbia, 1887; A.M., 1888; Ph.D., 1890.
- L. EMMETT HOLT.....Carpentier Professor of the Diseases of Children  
A.B., Rochester, 1875; A.M., 1878; M.D., Columbia, 1880; Sc.D., 1904; Sc.D., Brown,  
1914.
- AMADEUS W. GRABAU.....Professor of Palæontology  
S.B., Mass. Inst. of Tech., 1896; S.M., Harvard, 1898; S.D., 1900.
- <sup>2</sup> HENRY ROGERS SEAGER.....Professor of Political Economy  
Ph.B., Michigan, 1890; Ph.D., Pennsylvania, 1894.
- HENRY L. MOORE.....Professor of Political Economy  
A.B., Randolph-Macon, 1892; Ph.D., Johns Hopkins, 1896.
- JOHN DYNELEY PRINCE.....Professor of Slavonic Languages  
A.B., Columbia, 1888; Ph.D., Johns Hopkins, 1892.
- FREDERICK JAMES EUGENE WOODBRIDGE,  
Johnsonian Professor of Philosophy  
A.B., Amherst, 1889; A.M., 1898; LL.D., 1903; LL.D., Colorado, 1915.
- FRIEDRICH HIRTH.....Dean Lung Professor of Chinese  
A.M., and Ph.D., Rostock, 1869.
- FELIX ADLER.....Professor of Social and Political Ethics  
A.B., Columbia, 1870; Ph.D., Heidelberg, 1873.
- JULIUS SACHS.....Professor of Secondary Education in Teachers College  
A.B., Columbia, 1867; A.M., 1871; Ph.D., Rostock, 1871.
- The Very REVEREND WILFORD L. ROBBINS, D.D.,  
Dean of the General Theological Seminary  
A.B., Amherst, 1881; A.M., 1884; B.D., Episcopal Theol. School, 1887; D.D., St. Stephens,  
1891; Amherst, 1903; Princeton, 1908; LL.D., Hobart, 1905.
- RALPH EDWARD MAYER.....Associate Professor of Engineering Drafting  
C.E., Columbia, 1879.
- HERBERT MAULE RICHARDS.....Professor of Botany  
B.S., Harvard, 1891; Sc.D., 1895.

<sup>1</sup> Absent on leave 1915-16.<sup>2</sup> Absent on leave second half-year.

- GARY N. CALKINS.....Professor of Protozoölogy  
B.S., Mass. Inst. of Tech., 1890; Ph.D., Columbia, 1898.
- MARGARET E. MALTBY....Associate Professor of Physics in Barnard College  
A.B., Oberlin, 1882; A.M., 1891; B.S., Mass. Inst. of Tech., 1891; Ph.D., Göttingen, 1895.
- CASSIUS JACKSON KEYSER.....Adrain Professor of Mathematics  
B.S., Missouri, 1892; A.M., Columbia, 1896; Ph.D., 1901.
- MARSHALL H. SAVILLE.....Loubat Professor of American Archæology
- GEORGE L. MEYLAN, Associate Professor of Physical Education and Medical  
Director of the Gymnasium  
M.D., New York University, 1896; B.S., Harvard, 1902; A.M., Columbia, 1904.
- ELIJAH WILLIAM BAGSTER-COLLINS,  
Associate Professor of German in Teachers College  
A.B., Brown, 1897; A.M., Columbia, 1898.
- MAURICE A. BIGELOW, Professor of Biology and Director of the School of  
Practical Arts in Teachers College  
B.S., Ohio Wesleyan, 1894; M.S., Northwestern, 1896; Ph.D., Harvard, 1901.
- HENRY CARR PEARSON, Principal of Horace Mann School with rank of Assist-  
ant Professor in Teachers College  
A.B., Harvard, 1892.
- SAMUEL W. LAMBERT.....Professor of Clinical Medicine  
A.B., Yale, 1880; Ph.B., 1882; M.A. (Hon.), 1905; M.D., Columbia, 1885.
- GEORGE E. BREWER.....Professor of Surgery  
A.B., Hamilton, 1881; A.M., 1882; M.D., Buffalo, 1884; M.D., Harvard, 1885.
- VIRGIL P. GIBNEY.....Professor of Orthopædic Surgery  
A.B., Kentucky, 1869; A.M., 1872; LL.D., 1899; M.D., Bellevue, 1871.
- ARNOLD H. KNAPP.....Professor of Ophthalmology  
A.B., Harvard, 1889; M.D., Columbia, 1892.
- GORHAM BACON.....Professor of Otology  
A.B., Harvard, 1875; M.D., Bellevue, 1878.
- JAMES R. HAYDEN.....Professor of Urology  
M.D., Columbia, 1884.
- HERMANN T. VULTÉ,  
Assistant Professor of Household Arts in Teachers College  
Ph.B., Columbia, 1881; Ph.D., 1885.
- FRANCIS CARTER WOOD.....Director of Cancer Research  
B.S., Ohio State, 1891; M.D., Columbia, 1894.
- <sup>1</sup> LEA McILVAINE LUQUER.....Assistant Professor of Mineralogy  
C.E., Columbia, 1887; Ph.D., 1894.
- LOUIS AUGUSTE LOISEAUX,  
Associate Professor of the Romance Languages and Literatures  
B.S., Dijon, 1894.
- WILLIAM ADDISON HERVEY,  
Professor of the Germanic Languages and Literatures  
A.B., Columbia, 1893; A.M., 1894.
- \* JOHN ANGUS MACVANNEL,  
Professor of the Philosophy of Education in Teachers College  
A.B., Toronto, 1893; A.M., 1894; Ph.D., Columbia, 1898.
- RUSSELL BURTON-OPITZ.....Associate Professor of Physiology  
M.D., Chicago, 1895; B.S., 1898; M.S., 1902; Ph.D., 1905.
- THOMAS HUNT MORGAN.....Professor of Experimental Zoölogy  
B.S., State College of Kentucky, 1886; Ph.D., Johns Hopkins, 1891; LL.D., Johns  
Hopkins, 1915; Member of National Academy of Sciences.

<sup>1</sup> Absent on leave second half-year.

\* Died November 10, 1915.



- <sup>1</sup> GEORGE STUART FULLERTON.....Professor of Philosophy  
B.A., Pennsylvania, 1879; M.A., 1882; B.D., Yale, 1883; Ph.D., Muhlenburg, 1892;  
LL.D., 1900; Honorary Member of the Philosophical Faculty of the University of Vienna,  
1914.
- JEFFERSON B. FLETCHER.....Professor of Comparative Literature  
A.B., Harvard, 1887; A.M., 1889.
- HARRY McMAHON PAINTER.....Professor of Clinical Obstetrics  
A.B., Yale, 1884; Ph.B., 1885; M.D., Columbia, 1888.
- CHARLES LANE POOR.....Professor of Celestial Mechanics  
B.S., College of the City of New York, 1886; M.S., 1890; Ph.D., Johns Hopkins, 1892.
- CORNELIUS RUBNER.....Professor of Music  
Mus. Doc., George Washington, 1907.
- ARTHUR WESLEY DOW.....Professor of Fine Arts in Teachers College
- JOHN DEWEY.....Professor of Philosophy  
A.B., Vermont, 1879; LL.D., 1910; Ph.D., Johns Hopkins, 1884; LL.D., Wisconsin, 1904;  
Vermont, 1911; Michigan 1913; Johns Hopkins, 1915; Member of National Academy  
of Sciences.
- HENRY H. RUSBY...Professor of Materia Medica in the College of Pharmacy  
M.D., University Medical College of New York, 1884.
- GEORGE C. DIEKMAN ....Professor of Pharmacy in the College of Pharmacy  
Ph.G., New York College of Pharmacy, 1888; M.D., Columbia, 1901.
- JOHN OEHLER...Assistant Professor of Chemistry in the College of Pharmacy  
Ph.G., New York College of Pharmacy, 1879.
- <sup>2</sup> HENRY CLAPP SHERMAN.....Professor of Food Chemistry  
B.S., Maryland Agricultural College, 1893; Sc.D., 1913; A.M., Columbia, 1896; Ph.D.,  
1897.
- WILLIAM ROBERT SHEPHERD .....Professor of History  
A.B., Columbia, 1893; A.M., 1894; Ph.D., 1896.
- JAMES T. SHOTWELL.....Professor of History  
A.B., Toronto, 1898; Ph.D., Columbia, 1903.
- GEORGE W. BOTSFORD.....Professor of History  
A.B., Nebraska, 1884; A.M., 1889; Ph.D., Cornell, 1891.
- ALBERT P. WILLS.....Professor of Mathematical Physics  
B.E.E., Tufts, 1894; Sc.D., 1911; Ph.D., Clark, 1897.
- ROBERT SESSIONS WOODWORTH.....Professor of Psychology  
A.B., Amherst, 1891; A.B., Harvard, 1896; A.M., 1897; Ph.D., Columbia, 1899.
- BERN B. GALLAUDET.....Assistant Professor of Anatomy  
A.B., Trinity, 1880; A.M., 1883; M.D., Columbia, 1884.
- SAMUEL A. TUCKER.....Assistant Professor of Electro-Chemistry  
Ph.B., Columbia, 1895.
- HENRY BEDINGER MITCHELL.....Professor of Mathematics  
E.E., Columbia, 1898; A.M., 1900.
- VLADIMIR G. SIMKHOVITCH.....Professor of Economic History  
Ph.D., Halle-Wittenberg, 1898.
- EDWARD THOMAS DEVINE.....Professor of Social Economy  
B.A., Cornell College, Iowa, 1887; M.A., 1890; LL.D., 1904; Ph.D., Pennsylvania, 1895.
- FRANK W. JACKSON.....Professor of Clinical Medicine  
M.D., Columbia, 1879.
- JOHN HENRY LARKIN.....Assistant Professor of Pathology  
A.B., Manhattan, 1891; M.D., Columbia, 1894.
- CHARLES EDWARD LUCKE.....Professor of Mechanical Engineering  
B.S., College of the City of New York, 1895; M.S., New York University, 1899; Ph.D.,  
Columbia, 1902.
- EDWARD KASNER.....Professor of Mathematics  
B.S., College of the City of New York, 1896; A.M., Columbia, 1897; Ph.D., 1899.

<sup>1</sup> Absent on leave 1915-16.<sup>2</sup> Absent on leave first half-year.

- ASHLEY HORACE THORNDIKE.....Professor of English  
A.B., Wesleyan, 1893; L.H.D., 1901; A.M., Harvard, 1896; Ph.D., 1898.
- WALTER RAUTENSTRAUCH.....Professor of Mechanical Engineering  
B.S., Missouri, 1902; M.S., Maine, 1903.
- HENRY JOHNSON.....Professor of History in Teachers College  
B.L., Minnesota, 1889; A.M., Columbia, 1902.
- MARY ADELAIDE NUTTING.....Professor of Nursing in Teachers College  
Diploma, Johns Hopkins Hospital Training School for Nurses, 1891.
- NATHANIEL LORD BRITTON.....Director of the New York Botanical Garden  
E.M., Columbia, 1879; Ph.D., 1881; Sc.D., 1904.
- \*ANTON VORISEK,  
Professor of Analytical Chemistry in the College of Pharmacy  
Phar.G., New York College of Pharmacy, 1898; Phar.D., 1902.
- FREDERICK ARTHUR GOETZE,  
Dean of the Faculty of Applied Science and Comptroller  
M.Sc., Columbia, 1905.
- JAMES D. VOORHEES.....Associate Professor of Obstetrics  
A.B., Princeton, 1890; A.M., 1893; M.D., Columbia, 1893.
- ROYAL WHITMAN.....Assistant Professor of Orthopædic Surgery  
M.D., Harvard, 1882.
- GEORGE R. LOCKWOOD.....Professor of Clinical Medicine  
A.B., College of the City of New York, 1881; M.D., Columbia, 1884.
- WILLIAM K. DRAPER.....Professor of Clinical Medicine  
A.B., Harvard, 1885; M.D., Columbia, 1888.
- VAN HORNE NORRIE.....Professor of Clinical Medicine  
A.B., Columbia, 1885; M.D., 1889.
- DANIEL JORDAN,  
Assistant Professor of the Romance Languages and Literatures  
B.S., University of France, 1888; Pd.B., University of the State of New York, 1893.
- ARTHUR F. J. REMY.....Associate Professor of Germanic Philology  
A.B., College of the City of New York, 1890; A.M., Columbia, 1897; Ph.D., 1901.
- WILLIAM CAMPBELL.....Professor of Metallurgy  
B.S., Durham College of Science, 1898; Sc.D., 1905; M.Sc., Royal School of Mines, 1903; Ph.D., Columbia, 1903; A.M., 1905.
- WILLIAM PEPPERRELL MONTAGUE.....Associate Professor of Philosophy  
A.B., Harvard, 1896; A.M., 1897; Ph.D., 1898.
- WILLIAM W. LAWRENCE.....Associate Professor of English  
A.B., Bowdoin, 1898; A.M., Harvard, 1900; Ph.D., 1903.
- <sup>2</sup> JAMES HOWARD MCGREGOR.....Associate Professor of Zoölogy  
B.S., Ohio State, 1894; A.M., Columbia, 1896; Ph.D., 1899.
- CHARLES A. BEARD.....Professor of Politics  
Ph.B., De Pauw, 1898; A.M., Columbia, 1903; Ph.D., 1904.
- DICKINSON S. MILLER.....Professor of Philosophy  
A.B., and A.M., Harvard, 1892; Ph.D., Halle, 1893; Sc.D., Hobart, 1909.
- <sup>1</sup> GRACE A. HUBBARD.....Associate Professor of English in Barnard College  
A.B., Smith, 1887; A.M., Cornell, 1893.
- NATHAN ABBOTT.....Professor of Law  
A.B., Yale, 1877; LL.B., Boston, 1893.
- SAMUEL McCUNE LINDSAY.....Professor of Social Legislation  
Ph.B., Pennsylvania, 1889; LL.D., 1909; Ph.D., Halle, 1892.
- WILLIAM MANSFIELD, Phar.D.,  
Professor of Pharmacognosy in the College of Pharmacy

<sup>1</sup> Absent on leave 1915-16.

\* Died, Dec. 3, 1915.

<sup>2</sup> Absent on leave first half-year.

- GEORGE D. STRAYER,  
Professor of Educational Administration in Teachers College  
A.B., Johns Hopkins, 1903; Ph.D., Columbia, 1905.
- HERMANN VON W. SCHULTE.....Associate Professor of Anatomy  
A.B., Trinity, 1897; M.D., Columbia, 1902.
- REV. FRANCIS BROWN, D.D....President of the Union Theological Seminary  
A.B., Dartmouth, 1870; A.M., 1873; Ph.D., Hamilton, 1884; D.D., Dartmouth, 1884;  
Yale, 1894; Glasgow, 1901; Williams, 1903; Harvard, 1909; D.Litt., Oxford, 1901;  
LL.D., Dartmouth, 1901.
- <sup>1</sup> CARLTON CLARENCE CURTIS.....Associate Professor of Botany  
A.B., Syracuse, 1889; Ph.D., 1893; A.M., Columbia, 1892.
- WILLIAM R. WILLIAMS.....Associate Professor of Clinical Medicine  
A.B., Williams, 1889; A.M., 1892; M.D., Columbia, 1895.
- ARTHUR L. WALKER.....Professor of Metallurgy  
E.M., Columbia, 1893.
- LUCIUS W. HOTCHKISS.....Professor of Clinical Surgery  
A.B., Columbia, 1881; M.D., 1884.
- JOHN B. WALKER.....Professor of Clinical Surgery  
A.B., Harvard, 1884; M.D., 1888.
- CHARLES NORTH DOWD.....Professor of Clinical Surgery  
A.B., Williams, 1879; A.M., 1883; M.D., Columbia, 1886.
- EVAN M. EVANS.....Professor of Clinical Medicine  
B.S., Princeton, 1892; M.D., Columbia, 1895.
- CHARLES H. PECK.....Professor of Clinical Surgery  
M.D., Columbia, 1892.
- <sup>1</sup> MARIE REIMER.....Associate Professor of Chemistry in Barnard College  
Ph.D., Bryn Mawr, 1904.
- GEORGE B. PEGRAM.....Associate Professor of Physics  
A.B., Trinity (N.C.), 1895; Ph.D., Columbia, 1903.
- CHARLES P. WARREN.....Assistant Professor of Architecture  
Ph.B., Columbia, 1890; A.M., 1892.
- BERGEN DAVIS.....Associate Professor of Physics  
B.S., Rutgers, 1896; A.M., Columbia, 1900; Ph.D., 1901.
- KARL MAX VOGEL.....Assistant Professor of Clinical Pathology  
Ph.G., New York College of Pharmacy, 1896; M.D., Columbia, 1900.
- JOHN ERSKINE.....Associate Professor of English  
A.B., Columbia, 1900; A.M., 1901; Ph.D., 1903.
- WILLIAM D. GUTHRIE.....Ruggles Professor of Constitutional Law  
A.M. (Hon.), Yale, 1904.
- ADAM LEROY JONES,  
Director of University Admissions and Associate Professor of Philosophy  
A.B., Williams, 1895; Ph.D., Columbia, 1898.
- <sup>1</sup> WILLIAM G. MACCALLUM.....Professor of Pathology  
A.B., Toronto, 1894; M.D., Johns Hopkins, 1897.
- <sup>1</sup> HENRY RAYMOND MUSSEY.....Associate Professor of Economics  
A.B., Beloit, 1900; Ph.D., Columbia, 1905.
- NAOMI NORSWORTHY,  
Associate Professor of Educational Psychology in Teachers College  
B.S., Columbia, 1901; Ph.D., 1904.
- RAYMOND WEEKS.....Professor of the Romance Languages and Literatures  
A.B., Harvard, 1890; A.M., 1891; Ph.D., 1897.
- FREDERICK P. KEPPEL.....Dean of Columbia College  
A.B., Columbia, 1898; Chevalier de la Légion d'Honneur, 1911; Litt.D., Pittsburgh, 1912.

<sup>1</sup> Absent on leave second half-year.

- DAVID BOVAIRD, JR. . . . . Assistant Professor of Clinical Medicine  
A.B., Princeton, 1889; M.D., Columbia, 1892.
- NATHANIEL B. POTTER. . . . . Assistant Professor of Clinical Medicine  
A.B., Harvard, 1890; M.D., 1896.
- DANIEL GREGORY MASON. . . . . Assistant Professor of Music  
A.B., Harvard, 1895.
- CHARLES H. BURNSIDE. . . . . Assistant Professor of Mechanics  
B.S., Columbia, 1898; A.M., 1899.
- JAMES A. MILLER. . . . . Professor of Clinical Medicine  
A.B., Princeton, 1893; A.M., 1894; M.D., Columbia, 1899.
- WILHELM A. BRAUN,  
Associate Professor of the Germanic Languages and Literatures  
A.B., Toronto, 1895; Ph.D., Columbia, 1903.
- MORTON ARENDT. . . . . Assistant Professor of Electrical Engineering  
E.E., Columbia, 1898.
- TRACY E. HAZEN. . . . . Assistant Professor of Botany  
A.B., Vermont, 1897; A.M., Columbia, 1899; Ph.D., 1900.
- CHARLES P. BERKEY. . . . . Associate Professor of Geology  
B.S., Minnesota, 1892; M.S., 1893; Ph.D., 1897.
- JOHN L. GERIG. . . . . Associate Professor of Celtic  
A.B., Missouri, 1898; A.M., 1899; Ph.D., Nebraska, 1902.
- HARRY M. AYRES. . . . . Assistant Professor of English  
A.B., Harvard, 1902; Ph.D., 1908.
- <sup>1</sup> CAMILLE FONTAINE,  
Assistant Professor of the Romance Languages and Literatures  
B. és. L., Paris, 1875; B. en Dr., 1877; Lic. en Dr., 1878.
- CHARLES C. GROVE. . . . . Assistant Professor of Mathematics  
A.B., Penn College, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1906.
- JOHN HAROLD MORECROFT. . . . Associate Professor of Electrical Engineering  
E.E., Syracuse, 1904; B.S., 1907.
- ALGERNON DE V. TASSIN. . . . Assistant Professor of English  
A.B., Harvard, 1892; A.M., 1893.
- CARLTON HAYES. . . . . Associate Professor of History  
A.B., Columbia, 1904; A.M., 1905; Ph.D., 1909.
- VIRGINIA C. GILDERSLEEVE,  
Dean of Barnard College and Professor of English  
A.B., Columbia, 1899; A.M., 1900; Ph.D., 1908.
- WILLIAM BENJAMIN FITE. . . . Professor of Mathematics  
Ph.B., Cornell, 1892; Ph.D., 1901.
- HERBERT E. HAWKES. . . . . Professor of Mathematics  
A.B., Yale, 1896; Ph.D., 1900.
- GEORGE PHILIP KRAPP. . . . . Professor of English  
A.B., Wittenberg, 1894; A.M., 1897; Ph.D., Johns Hopkins, 1899.
- DEAN PUTNAM LOCKWOOD. . . . Assistant Professor of Classical Philology  
A.B., Harvard, 1903; A.M., 1904; Ph.D., 1907.
- FRANK GARDNER MOORE. . . . . Professor of Classical Philology  
A.B., Yale, 1886; Ph.D., 1890.
- WALTER IRVINE SLICHTER. . . . Professor of Electrical Engineering  
E.E., Columbia, 1896.
- HARLAN F. STONE. . . . . Professor of Law  
B.S., Amherst, 1894; A.M., 1900; LL.D., 1913; LL.B., Columbia, 1898.
- LA RUE VAN HOOK. . . . . Associate Professor of Classical Philology  
A.B., Michigan, 1899; Ph.D., Chicago, 1904.

<sup>1</sup> Absent on leave 1915-16.

- GEORGE V. WENDELL.....Professor of Physics  
B.S., Mass. Inst. of Tech., 1892; Ph.D., Leipzig, 1898.
- MILTON C. WHITAKER.....Professor of Engineering Chemistry  
B.S., University of Colorado, 1898; M.S., 1900; LL.D., 1913; Dr. Chem. Eng., Pittsburgh, 1914.
- CURT P. WIMMER,  
Assistant Professor of Pharmacy in the College of Pharmacy  
Phar.G., New York College of Pharmacy, 1902; Phar.D., 1904; A.M., Columbia, 1909.
- FREDERICK G. BONSER,  
Associate Professor and Director of Industrial Arts in Teachers College  
B.S., Illinois, 1901; M.S., 1902; Ph.D., Columbia, 1911.
- ANNA M. COOLEY . Assistant Professor of Household Arts in Teachers College  
B.S., Columbia, 1903; Bachelor's Diploma, Teachers College, 1903; Diploma, New York Normal College, 1893; Hunter Kindergarten Training School, 1894.
- JANE FALES . . . . Assistant Professor of Household Arts in Teachers College  
Diploma, Teachers College, 1906; B.S., Columbia, 1907.
- <sup>1</sup> FREDERIC ERNEST FARRINGTON,  
Associate Professor of Education in Teachers College  
A.B., Harvard, 1894; A.M., Columbia, 1902; Ph.D., 1904.
- PATTY S. HILL,  
Assistant Professor of Kindergarten Education in Teachers College  
Diploma, Louisville Free Kindergarten Association Training School, 1888.
- AZUBAH J. LATHAM . . Assistant Professor of Oral English in Teachers College  
B.A., Boston University, 1880; Diploma, Boston School of Expression, 1890.
- CHARLES T. MCFARLANE . . . . Professor of Geography in Teachers College  
B.Pd., New York State Normal College, 1894; D.Pd., 1904; M.Pd., Michigan State Normal College, 1901.
- WILLIAM NOYES . . Assistant Professor of Industrial Arts in Teachers College  
A.B., Amherst, 1884; A.M., 1905.
- <sup>2</sup> MRS. MARY D. SWARTZ ROSE,  
Assistant Professor of Household Arts in Teachers College  
B.L., Denison, 1901; Diploma, Mechanics Institute, Rochester, 1902; B.S., Columbia, 1906; Ph.D., Yale, 1909; Diploma, Teachers College, 1906.
- HENRY A. RUGER,  
Assistant Professor of Educational Psychology in Teachers College  
A.B., Beloit, 1895; A.M., Chicago, 1905; Ph.D., Columbia, 1910.
- CLIFFORD B. UPTON . . Assistant Professor of Mathematics in Teachers College  
A.B., Michigan, 1902; A.M., Columbia, 1907; Master's Diploma, Teachers College, 1907.
- MAY B. VAN ARSDALE,  
Assistant Professor of Household Arts in Teachers College  
B.S., Columbia, 1905; Diploma, Teachers College, 1893.
- LAMONT A. WARNER,  
Assistant Professor of Household Arts in Teachers College  
Diploma, Pratt Institute, 1898.
- CHARLES N. B. CAMAC . . . . . Assistant Professor of Clinical Medicine  
A.B., Pennsylvania, 1892; M.D., 1895.
- CHARLES A. HARRIMAN . . . . . Assistant Professor of Architecture
- EVERETT J. HALL . . . . . Assistant Professor of Assaying
- FLOYD J. METZER . . . . . Assistant Professor of Industrial Chemistry  
Ph.B., Buchtel, 1899; Ph.D., Columbia, 1902.
- HARRY L. PARR . . . . . Assistant Professor of Mechanical Engineering  
A.B., Columbia, 1902; Mech.E., 1904.

Absent on leave 1915-16.

<sup>2</sup> Absent on leave first half-year.

- SAMUEL OSGOOD MILLER..... Assistant Professor of Drawing  
C.E., Columbia, 1895.
- EDWARD F. KERN..... Assistant Professor of Metallurgy  
B.S., Tennessee, 1897; Ph.D., Columbia, 1901.
- HAL T. BEANS..... Assistant Professor of Chemistry  
B.S., Nebraska, 1899; A.M., 1900; Ph.D., Columbia, 1904.
- ALVAN A. TENNEY..... Assistant Professor of Sociology  
A.B., Columbia, 1898; A.M., 1899; Ph.D., 1907.
- CHARLES W. THOMAS..... Assistant Professor of Mechanical Engineering  
Mech.E., Stevens Inst. of Technology, 1884.
- EUGENE E. AGGER..... Assistant Professor of Economics  
A.B., Cincinnati, 1901; A.M., 1902; Ph.D., Columbia, 1907.
- ROBERT L. SCHUYLER..... Assistant Professor of History  
A.B., Columbia, 1903; A.M., 1904; Ph.D., 1909.
- HENRY V. ARNY..... Professor of Chemistry in the College of Pharmacy  
Ph.M., Philadelphia College of Pharmacy, 1889; Ph.D., Göttingen, 1896.
- CHARLES SEARS BALDWIN.... Professor of Rhetoric and English Composition  
A.B., Columbia, 1888; A.M., 1889; Ph.D., 1894.
- ALON BEMENT..... Assistant Professor of Fine Arts in Teachers College  
A.B., Stanford, 1896; Ph.D., Chicago, 1911.
- ARTHUR H. BLANCHARD..... Professor of Highway Engineering  
C.E., Brown, 1890; A.M., Columbia, 1902.
- ROBERT E. CHADDOCK..... Associate Professor of Statistics  
A.B., Wooster College, 1900; A.M., Columbia, 1906; Ph.D., 1908.
- GRACE A. CORNELL.... Assistant Professor of Fine Arts in Teachers College  
Diploma, Pratt Institute, 1899.
- THOMAS B. FREAS..... Assistant Professor of Chemistry  
A.B., Stanford, 1896; Ph.D., Chicago, 1911.
- WILLYSTINE GOODSELL.. Assistant Professor of Education in Teachers College  
B.S., Columbia, 1905; A.M., 1906; Ph.D., 1910.
- ROBERT A. HARPER..... Torrey Professor of Botany  
A.B., Oberlin, 1886; A.M., 1891; Ph.D., Bonn, 1896; Member of National Academy of Sciences.
- MILO B. HILLEGAS.... Associate Professor of Education in Teachers College  
Ph.B., Rochester, 1897; Ph.D., Columbia, 1912.
- WILLIAM H. KILPATRICK,  
Associate Professor of Education in Teachers College  
A.B., Mercer, 1891; A.M., 1892; Ph.D., Columbia, 1912.
- A. ARTHUR LIVINGSTON,  
Assistant Professor of the Romance Languages and Literatures  
A.B., Amherst, 1904; Ph.D., Columbia, 1910.
- WARFIELD THEOBALD LONGCOPE.. Bard Professor of the Practice of Medicine  
A.B., Johns Hopkins, 1897; M.D., 1901.
- WILLIAM G. MARQUETTE..... Associate Professor of Botany  
Ph.G., Northwestern, 1899; B.S., Wisconsin, 1903; Ph.D., 1907.
- O. S. MORGAN..... Professor of Agriculture  
A.B., Illinois, 1905; M.S.A., Cornell, 1907; Ph.D., 1909.
- FRANK HENRY PIKE..... Assistant Professor of Physiology  
A.B., Indiana, 1903; Ph.D., Chicago, 1907.
- ALEXANDER SMITH..... Professor of Chemistry  
B.S., Edinburgh, 1886; Ph.D., Munich, 1889.

**TALCOTT WILLIAMS,**

Professor of Journalism and Director of the School of Journalism  
A.B., Amherst, 1873; A.M., 1883; A.M. (Hon.), Pennsylvania, 1891; L.H.D., Amherst, 1896; Western Reserve, 1897; Pittsburgh, 1912; LL.D., Pennsylvania, 1895; Hobart, 1899; Western Reserve, 1909; Pennsylvania College, 1915; Franklin and Marshall, 1915, Litt.D., Rochester, 1902; Brown, 1915.

**JOHN W. CUNLIFFE,**

Professor of English and Associate Director of the School of Journalism  
B.A., London, 1884; M.A. (Classics), 1886; M.A. (Modern Languages), 1888; D. Litt. 1892.

**WENDELL T. BUSH**..... Associate Professor of Philosophy  
A.B., Brooklyn Polytechnic Institute, 1889; A.M., Harvard, 1898; Ph.D., Columbia, 1905.

**WALTER B. PITKIN**..... Associate Professor of Philosophy  
A.B., Michigan, 1900; B.D., Hartford Theological Seminary, 1903.

**DAVID S. MUZZEY**..... Associate Professor of History  
A.B., Harvard, 1893; B.D., New York University, 1897; Ph.D., Columbia, 1907.

**CHARLES C. SLEFFEL,**

Assistant Professor of Industrial Arts in Teachers College

**CHARLES W. WEICK,**

Assistant Professor of Industrial Arts in Teachers College  
B.S., Ohio State, 1898.

**ADRIAN VAN SINDEREN LAMBERT**..... Associate Professor of Surgery  
A.B., Yale, 1893; M.D., Columbia, 1896.

**GERTRUDE M. HIRST,**

Assistant Professor of Classical Philology in Barnard College  
A.B., Newnham, Cambridge, 1890; A.M., Columbia, 1900; Ph.D., 1902.

**THOMAS H. HARRINGTON**..... Assistant Professor of Drawing  
C.E., Columbia, 1889.

**FREDERICK W. J. HEUSER,**

Assistant Professor of the Germanic Languages and Literatures  
A.B., Columbia, 1901; A.M., 1902.

**IDA HELEN OGILVIE**..... Assistant Professor of Geology in Barnard College  
A.B., Bryn Mawr, 1900; Ph.D., Columbia, 1903.

**LEWIS P. SICELOFF**..... Assistant Professor of Mathematics  
A.B., Central College, 1900; Ph.D., Columbia, 1912.

**EDWARD M. SAIT**..... Assistant Professor of Politics  
B.A., Toronto, 1902; M.A., 1903; Ph.D., Columbia, 1911.

**PAUL E. HOWE**..... Assistant Professor of Biological Chemistry  
B.S., Illinois, 1906; A.M., 1907; Ph.D., 1910.

**DOUGLAS W. JOHNSON**..... Associate Professor of Physiography  
B.S., New Mexico, 1901; Ph.D., Columbia, 1903.

**ROMIETT STEVENS,**

Assistant Professor of Secondary Education in Teachers College  
B.S., Columbia, 1907; A.M., 1908; Ph.D., 1912.

**WILLIAM H. WOGLOM**..... Assistant Professor engaged in Cancer Research  
M.D., Columbia, 1901.

**WILLIAM C. CLARKE**..... Assistant Professor of Surgery  
M.D., Columbia, 1899.

**HENRY S. PATTERSON**..... Assistant Professor of Clinical Medicine  
A.B., Williams, 1896; M.D., Columbia, 1900.

**T. STUART HART**..... Assistant Professor of Clinical Medicine  
A.B., Yale, 1891; A.M., 1893; M.D., Columbia, 1895.

**LEWIS F. FRISSELL**..... Assistant Professor of Clinical Medicine  
A.B., Yale, 1895; A.M., 1897; M.D., Columbia, 1900.

- CHARLES C. LIEB.....Assistant Professor of Pharmacology  
A.B., Columbia, 1902; M.D., 1906.
- <sup>1</sup> JACKSON E. REYNOLDS.....Associate Professor of Law  
A.B., Stanford, 1896; LL.B., Columbia, 1899.
- GEORGE A. TUTTLE.....Assistant Professor of Clinical Medicine  
A.B., Amherst, 1883; M.D., Columbia, 1886.
- THOMAS R. POWELL.....Associate Professor of Constitutional Law  
A.B., Vermont, 1900; LL.B., Harvard, 1904; Ph.D., Columbia, 1913.
- CHARLES C. TROWBRIDGE.....Assistant Professor of Physics  
B.S., Trinity (Ct.), 1892; M.S., 1903; Sc.D., 1908.
- EDGAR H. STURTEVANT.....Assistant Professor of Classical Philology  
A.B., Indiana, 1898; Ph.D., Chicago, 1901.
- FRANK S. MATHEWS.....Assistant Professor of Clinical Surgery  
B.S., Washington and Jefferson, 1890; M.D., Columbia, 1893.
- LEONARD D. NORSWORTHY.....Assistant Professor of Civil Engineering  
C.E., Columbia, 1909; A.M., 1910.
- FRANK C. SCHROEDER.....Assistant Professor of Mechanics  
B.S., Wisconsin, 1907; C.E., 1910.
- WALTER HENRY HALL.....Professor of Choral and Church Music
- ALLAN ABBOTT.....Assistant Professor of English in Teachers College
- BENJAMIN R. ANDREWS,  
Assistant Professor of Household Arts in Teachers College  
A.B., Cornell, 1901; A.M., 1903; Ph.D., Columbia, 1909.
- WILLIAM A. DOWNES.....Assistant Professor of Clinical Surgery  
M.D., Columbia, 1895.
- JOHN A. FORDYCE.....Professor of Dermatology and Syphilology  
A.B., Adrian, 1878; A.M., 1889; Ph.D. (Hon.), 1901; M.D., Chicago Medical College, 1881; M.D., Berlin, 1888.
- ANNE W. GOODRICH,  
Assistant Professor of Nursing and Health in Teachers College
- DANIEL D. JACKSON.....Assistant Professor of Civil Engineering  
B.S., Mass. Inst. of Tech., 1893; M.S., New York University, 1908.
- GEORGE B. PRESTON.....Assistant Professor of Steam Engineering  
Mech.E., Cornell, 1888; M.M.E., 1897.
- J. ENRIQUE ZANETTI.....Assistant Professor of Chemistry  
B.S., Harvard, 1906; A.M., 1907; Ph.D., 1909.
- HANS ZINSSER.....Professor of Bacteriology  
A.B., Columbia, 1899; A.M., and M.D., 1903.
- HOWARD L. MCBAIN,  
Associate Professor of Municipal Science and Administration  
A.B., Richmond College, 1900; A.M., 1901; A.M., Columbia, 1905; Ph.D., 1907.
- ELLERY C. STOWELL.....Assistant Professor of International Law  
A.B., Harvard, 1898; Licencié en Droit, Paris, 1906; Docteur en Droit, 1909.
- ALWIN M. PAPPENHEIMER.....Assistant Professor of Pathology  
A.B., Harvard, 1898; M.D., Columbia, 1902.
- FREDERICK TILNEY.....Professor of Neurology  
A.B., Yale, 1897; M.D., Long Island College Hospital, 1903; Ph.D., Columbia, 1912.
- FRANKLIN MATTHEWS.....Associate Professor of Journalism  
A.B., Cornell, 1883.
- WILLIAM DARRACH.....Assistant Professor of Surgery  
A.B., Yale, 1897; A.M., and M.D., Columbia, 1901.

<sup>1</sup> Absent on leave July 1 to Dec. 31, 1915.



- RALPH W. GIFFORD..... Professor of Law  
A.B., Harvard, 1891; LL.B., 1901; M.A., Yale, 1912; LL.D., Fordham, 1912.
- <sup>1</sup> HENRI F. MULLER,  
Assistant Professor of the Romance Languages and Literatures  
B. ès L., Paris, 1897; Ph.D., Columbia, 1912.
- HAROLD W. WEBB..... Assistant Professor of Physics  
A.B., Columbia, 1905; Ph.D., 1909.
- ARTHUR C. NEISH..... Assistant Professor of Chemistry  
A.B., Queen's, 1898; A.M., Columbia, 1900; Ph.D., 1904.
- <sup>1</sup> DINO BIGONGIARI,  
Assistant Professor of the Romance Languages and Literatures  
A.B., Columbia, 1902.
- HARRISON R. STEEVES..... Assistant Professor of English  
A.B., Columbia, 1903; A.M., 1904; Ph.D., 1913.
- JOHN M. NELSON..... Assistant Professor of Organic Chemistry  
B.S., Nebraska, 1901; Ph.D., Columbia, 1907.
- HARRY L. HOLLINGWORTH..... Assistant Professor of Psychology  
A.B., Nebraska, 1906; Ph.D., Columbia, 1909.
- EDWARD D. THURSTON, JR.... Assistant Professor of Mechanical Engineering  
A.B., Columbia, 1905; Mech.E., 1907.
- ERNEST H. WRIGHT..... Assistant Professor of English  
A.B., Columbia, 1905; A.M., 1907; Ph.D., 1910.
- CARL VAN DOREN..... Assistant Professor of English  
A.B., Illinois, 1907; Ph.D., Columbia, 1911.
- FRANK A. PATTERSON..... Assistant Professor of English  
A.B., Syracuse, 1904; A.M., Columbia, 1907; Ph.D., 1911.
- WESLEY C. MITCHELL..... Professor of Economics  
A.B., Chicago, 1896; Ph.D., 1899.
- JEAN BROADHURST..... Assistant Professor of Biology in Teachers College  
B.S., Columbia, 1903; A.M., 1908; Ph.D., Cornell, 1914.
- CLIFFORD D. CARPENTER,  
Assistant Professor of Chemistry in Teachers College  
B.Pd., Michigan State Normal College, 1905; A.B., 1906.
- HAROLD B. KEYES,  
Assistant Professor of Physical Education in Teachers College  
A.B., Yale, 1908; M.D., Columbia, 1910.
- MARY T. WHITLEY,  
Assistant Professor of Educational Psychology in Teachers College  
B.S., Columbia, 1905; A.M., 1906; Ph.D., 1911.
- JESSE F. WILLIAMS,  
Assistant Professor of Physical Education in Teachers College  
A.B., Oberlin, 1909; M.D., Columbia, 1915.
- CORA M. WINCHELL,  
Assistant Professor of Household Arts Education in Teachers College  
B.S., Columbia, 1909.
- CORNELIUS G. COAKLEY..... Professor of Laryngology  
A.B., College of the City of New York, 1884; A.M., 1887; M.D., New York University, 1887.
- ROBERT H. MONTGOMERY..... Assistant Professor of Economics
- JAMES P. C. SOUTHALL..... Assistant Professor of Physics  
B.A., Virginia, 1891; M.A., 1893.
- HOMER F. SWIFT..... Associate Professor of the Practice of Medicine  
Ph.B., Western Reserve, 1902; M.D., New York University and Bellevue Hospital Medical College, 1906.

<sup>1</sup> Absent on leave 1915-16.

- EUGENE H. POOL.....Professor of Clinical Surgery  
A.B., Harvard, 1895; M.D., Columbia, 1899.
- LINCOLN DEGROOT MOSS....Assistant Professor of Mechanical Engineering
- J. GARDNER HOPKINS.....Assistant Professor of Bacteriology  
A.B., Columbia, 1902; M.D., Johns Hopkins, 1907.
- WARD A. HOLDEN.....Professor of Clinical Ophthalmology  
A.B., Marietta College, 1884; A.M., 1888; M.D., Medical College of Ohio, 1887.
- EDWARD LIVINGSTON HUNT.....Assistant Professor of Clinical Neurology  
A.B., Harvard, 1893; M.D., Columbia, 1896.
- EDWARD K. JUDD.....Assistant Professor of Mining  
A.B., Williams, 1901; E.M., Columbia, 1904.
- JAMES KENDALL.....Assistant Professor of Chemistry  
B.S., and M.A., Edinburgh, 1910; Sc.D., 1915.
- HENRY H. L. SCHULZE,  
Assistant Professor of the Germanic Languages and Literatures  
A.B., College of the City of New York, 1903; A.M., Columbia, 1905.
- JAMES K. FINCH.....Assistant Professor of Civil Engineering  
C.E., Columbia, 1906; A.M., 1911
- EDWARD S. ELLIOTT.....Assistant Professor of Physical Education  
M.D., Tufts, 1908; S.B., Boston, 1912.
- BENJAMIN B. KENDRICK.....Assistant Professor of History  
B.S., Mercer, 1905; A.M., Columbia, 1911; Ph.D., 1915.
- LOUIS CASAMAJOR.....Assistant Professor of Neurology  
A.B., Columbia, 1903; A.M. and M.D., 1906.
- FRIEDRICH O. WILLHÖFFT....Assistant Professor of Mechanical Engineering  
A.B., Leipzig, 1894; M.E. and A.M., Columbia, 1904.
- THOMAS H. BRIGGS....Associate Professor of Education in Teachers College  
A.B., Wake Forest, 1896; Ph.D., Columbia, 1914.
- EMMA H. GUNTHER,  
Assistant Professor of Household Administration in Teachers College  
B.S., Columbia, 1911; A.M. 1915.
- \* EDWARD VAN DYKE ROBINSON.....Professor of Economics  
A.B., Michigan, 1890; A.M., 1891; Ph.D., Leipzig, 1895.
- HOMER ST. CLAIR PACE,  
Professor of Commercial Pharmacy in the College of Pharmacy  
C.P.A., University of the State of New York, 1907.
- ROBERT M. RAYMOND.....Professor of Mining  
A.B., University of New Brunswick, 1877; E.M., Columbia, 1889.
- BERT EDWARD YOUNG,  
Assistant Professor of the Romance Languages and Literatures  
B.S., Vanderbilt, 1896; M.A., 1898; Ph.D., Grenoble, 1904.
- ELLWOOD P. AUBERLEY..Visiting Professor of Education in Teachers College  
A.B., Indiana, 1891; A.M., Columbia, 1902; Ph.D., 1905.
- A. FOUCHER.....Visiting French Professor, 1915-16  
Professor of the Indian Languages and Literatures in the University of Paris.  
(337)

### Special Lecturers

- LEONARD C. VAN NIPPEN, A.M., Queen Wilhelmina Lecturer on the History,  
Language, and Literature of the Netherlands  
(1)

\* Died December 10, 1915.

## Clinical Professors

- JOHN S. THACHER.....Professor of Clinical Medicine  
A.B., Yale, 1877; M.D., Columbia, 1880.
- WALTER F. CHAPPELL.....Professor of Clinical Laryngology  
M.D., Toronto, 1879.
- PORTER F. CHAMBERS.....Professor of Clinical Gynecology  
A.B., Emory, 1873; M.D., Bellevue Hospital Medical College, 1876.
- FRANCIS HUBER.....Professor of Clinical Medicine  
B.S., College of the City of New York, 1873; M.D., College of Physicians and Surgeons, 1877.
- ALEXANDER B. JOHNSON.....Professor of Clinical Surgery  
Ph.B., Yale, 1882; M.D., Columbia, 1885.
- ROBERT LEWIS.....Professor of Clinical Otology  
M.D., Columbia, 1885.
- OTTO G. T. KILIANI.....Professor of Clinical Surgery  
M.D., Halle, 1888.
- JACOB KAUFMANN.....Professor of Clinical Medicine  
M.D., Strassburg, 1885.
- RUDOLF C. DENIG.....Professor of Clinical Ophthalmology  
M.D., Würzburg, 1891.
- NATHAN E. BRILL.....Professor of Clinical Medicine  
A.B., College of the City of New York, 1877; A.M., 1883; M.D., New York University, 1880.
- FREDERICK KAMMERER.....Professor of Clinical Surgery  
M.D., Freiburg, 1880.
- EMANUEL LIBMAN.....Professor of Clinical Medicine  
A.B., College of the City of New York, 1891; M.D., Columbia, 1894.
- NORBERT STADTMÜLLER.....Professor of Clinical Medicine  
M.D., Munich, 1889.
- FRANK R. OASTLER.....Professor of Clinical Gynecology  
A.B., Yale, 1891; M.D., Columbia, 1894.
- AUSTIN W. HOLLIS.....Professor of Clinical Medicine  
M.D., Columbia, 1890.
- WALTON MARTIN.....Professor of Clinical Surgery  
Ph.B., Yale, 1889; M.D., Columbia, 1892.
- HENRY H. M. LYLE.....Professor of Clinical Surgery  
M.D., Columbia, 1900.
- HOWARD C. TAYLOR.....Professor of Clinical Gynecology  
Ph.B., Yale, 1888; M.D., Columbia, 1891.
- ELLSWORTH ELIOT, JR.....Professor of Clinical Surgery  
A.B., Yale, 1884; M.D., Columbia, 1887.
- ALEXIS V. MOSCHCOWITZ.....Professor of Clinical Surgery  
Ph.G., New York College of Pharmacy, 1885; M.D., Columbia, 1891.
- SIEGFRIED WACHSMANN.....Professor of Clinical Medicine  
M.D., Berlin, 1891.
- GEORGE LUDWIG LA PORTE.....Assistant Professor of Clinical Medicine  
M.D., Columbia, 1894.
- BERNARD SUTRO OPPENHEIMER.....Assistant Professor of Clinical Medicine  
A.B., Harvard, 1897; M.D., Columbia, 1901.
- S. PHILIP GOODHART.....Assistant Professor of Clinical Neurology  
M.D., Yale, 1894.
- GEORGE ROBERT ELLIOTT.....Assistant Professor of Clinical Orthopædic Surgery  
M.D., Columbia, 1881.

## Associates

- ALBERT W. ATWOOD..... Journalism  
A.B., Amherst, 1903.
- FREDERIC H. BARTLETT..... Diseases of Children  
A.B., Harvard, 1895; A.M., Columbia, 1898; M.D., 1905.
- WALTER A. BASTEDO..... Clinical Medicine  
Ph.G., New York College of Pharmacy, 1894; M.D., Columbia 1899.
- WALTER BENSEL..... Hygiene and Preventive Medicine  
M.D., Columbia, 1890.
- HENRY W. BERG..... Diseases of Children  
A.B., College of the City of New York, 1878; M.D., Columbia, 1881.
- WILLIAM A. BORING..... Architecture (in charge of Design)
- ROSCOE C. E. BROWN..... Journalism  
A.B., Rochester, 1889; A.M., 1904.
- FREDERICK D. BULLOCK..... Cancer Research  
B.S., Kentucky State College, 1899; M.D., Johns Hopkins, 1907.
- HERBERT S. CARTER..... Clinical Medicine  
A.B., Princeton, 1892; A.M., 1895; M.D., Columbia, 1895.
- EDWARD M. COLIE, JR..... Clinical Obstetrics  
A.B., Columbia, 1902; M.D. 1905.
- CALVIN B. COULTER..... Pathology  
A.B., Williams, 1907; A.M., Princeton, 1908; M.D., Columbia, 1913.
- HAVEN EMERSON..... Medicine  
A.B., Harvard, 1896; A.M., and M.D., Columbia, 1899.
- LEMUEL W. FAMULENER..... Serology  
Ph.C., Michigan, 1900; A.B., 1903; M.D., 1906.
- FREDERIC G. GOODRIDGE..... Biological Chemistry  
A.B., Harvard, 1897; M.D., Columbia, 1901; Ph.D., 1915.
- WILLIAM K. GREGORY..... Zoölogy  
A.B., Columbia, 1900; A.M., 1905; Ph.D., 1910.
- FORBES HAWKES..... Clinical Surgery  
A.B., Yale, 1887; M.D., Columbia, 1891.
- ROYAL S. HAYNES..... Diseases of Children  
Ph.B., Cornell, 1899; M.D., Columbia, 1903.
- WILLIAM W. HERRICK..... Medicine  
A.B., Yale, 1902; M.D., 1905.
- BENJAMIN HOROWITZ..... Biological Chemistry  
Chemist, Columbia, 1911; A.M., 1912; Ph.D., 1913.
- LINNAEUS E. LA FETRA..... Diseases of Children  
A.B. Wesleyan, 1891; M.D., Columbia, 1894.
- ROBERT A. LAMBERT..... Pathology  
M.D., Tulane, 1907.
- ISAAC LEVIN..... Cancer Research  
M.D., St. Petersburg, 1890.
- ROBERT E. MACALARNEY..... Journalism  
A.B., Dickinson, 1893.
- T. NELSON METCALF..... Physical Education  
A.B., Oberlin, 1912.
- EDGAR G. MILLER, JR..... Biological Chemistry  
B.S., Gettysburg, 1911; Ph.D., Columbia, 1913.
- FRANCIS A. NELSON..... Architecture  
B.S., Columbia, 1900; A.D.G., Ecole des Beaux-Arts, Paris, 1906.

- <sup>1</sup> MAURICE PRÉVOT..... Architecture  
Diplômé, Ecole des Beaux-Arts, 1900.
- FREDERICK PRIME, JR..... Cancer Research  
B.S., Pennsylvania, 1902; M.D., 1905.
- MRS. EMILY JAMES PUTNAM..... History  
A.B., Bryn Mawr, 1889.
- ERNEST L. SCOTT..... Physiology  
S.B., Ohio Wesleyan, 1902; S.M., Chicago, 1911; Ph.D., Columbia, 1914.
- T. LESLIE SHEAR..... Classical Philology  
A.B., New York University, 1900; A.M., 1903; Ph.D., Johns Hopkins, 1904.
- EDWIN E. SLOSSON..... Journalism  
B.S., Kansas, 1890; M.S., 1892; Ph.D., Chicago, 1902.
- ALBERT E. SUMNER..... Clinical Medicine  
A.B., Amherst, 1889; M.D., Columbia, 1894; A.M., 1903.
- HENRY C. THACHER..... Medicine  
A.B., and M.S., Yale, 1902; M.D., Johns Hopkins, 1906.
- FRANK E. WARD..... Music
- WILBUR WARD..... Gynecology  
A.B., Williams, 1900; M.D., Columbia, 1904.
- ARTHUR WARE..... Architecture  
B.S., Columbia, 1898; Diplômé, Ecole des Beaux-Arts, 1903.
- MABEL F. WEEKS..... English  
A.B., Radcliffe, 1894.
- WILLIAM WEINBERGER..... Biological Chemistry  
M.D., Vienna, 1894; M.S., New York University, 1901.
- JOSEPH S. WHEELWRIGHT..... Physiology  
A.B., Yale, 1897; M.D., Cornell, 1900.
- HORATIO B. WILLIAMS..... Physiology  
A.B., Syracuse, 1900; M.D., 1905.
- (41)

## Instructors

- L. HERBERT ALEXANDER..... Romance Languages and Literatures  
A.B., Toronto, 1883; A.M., 1885; Ph.D., Columbia, 1911.
- THADDEUS H. AMES..... Clinical Neurology  
A.B., Michigan, 1905; M.D., 1907.
- HUGH AUCHINCLOSS..... Clinical Surgery  
A.B., Yale, 1901; M.D., Columbia, 1905.
- CLARENCE G. BANDLER..... Clinical Urology  
M.D., Columbia, 1904.
- FREDERICK BARRY..... Chemistry  
A.B., Harvard, 1897; A.M., 1909; Ph.D., 1911.
- DONALD RAY BELCHER..... Mathematics  
A.B., Kalamazoo, 1909; A.M., Columbia, 1915.
- GOTTLIEB A. BETZ..... Germanic Languages and Literatures  
A.B., Rochester, 1901; A.M., Pennsylvania, 1911; Ph.D., 1913.
- FRANK WARNER BISHOP... Physiology. Also Assistant in Clinical Medicine  
B.S., Columbia, 1910; M.D., 1912.
- HUGH B. BLACKWELL..... Clinical Otology  
M.D., Virginia, 1901.
- ALFRED J. BROWN..... Anatomy  
A.B., Yale, 1899; M.D., Columbia, 1903.
- LEO BUERGER..... Clinical Surgery  
A.B., College of the City of New York, 1897; A.M., and M.D., Columbia, 1901.

<sup>1</sup> Absent on leave 1915-16.

HENRY G. BUGBEE.....	Clinical Surgery
M.D., Columbia, 1903.	
SIDNEY R. BURNAP.....	Surgery
A.B., Yale, 1905; M.D., Columbia, 1909.	
ARTHUR M. BUSWELL.....	Sanitary Chemistry
A.B., Minnesota, 1910; A.M., Maine, 1912.	
HOMER L. CARR.....	Mining
A.B., Oberlin, 1907; E.M., Columbia, 1910.	
MATTHEW L. CARR.....	Otology
A.B., Wake Forest, 1889; M.D., Columbia, 1892.	
RUSSELL L. CECIL.....	Clinical Medicine
A.B., Princeton, 1902; M.D., University College of Medicine, Richmond, Va., 1906.	
F. MORRIS CLASS.....	Clinical Medicine
A.B., Harvard, 1903; M.D., Columbia, 1907.	
GERHARD H. COCKS.....	Clinical Laryngology
A.B., Yale, 1899; M.D., Columbia, 1903.	
ARTHUR P. COLL.....	Laryngology
M.D., Columbia, 1890.	
HOWARD D. COLLINS.....	Clinical Surgery
A.B., Yale, 1890; M.D., Columbia, 1893.	
KARL A. CONNELL.....	Surgery
M.D., Columbia, 1900.	
WILLIAM F. COOLEY.....	Philosophy
B.S., New York University, 1878; M.S., 1892; B.D., Union Theological Seminary, 1907; Ph.D., Columbia, 1909.	
JOHN J. COSS.....	Philosophy
A.B., Wabash, 1906; A.M., Columbia, 1908; B.D., Union Theological Seminary, 1909.	
HARRY T. COSTELLO.....	Philosophy
A.B., Earlham, 1908; A.M., Harvard, 1910; Ph.D., 1911.	
JOHN R. CRAWFORD.....	Roman Archæology
A.B., Allegheny, 1906; A.M., Harvard, 1908.	
HAROLD B. CURTIS.....	Mathematics
A.B., Cornell, 1907; Ph.D., 1910.	
EDWARD CUSSLER.....	Clinical Medicine
M.D., Columbia, 1904.	
HENRY W. L. DANA.....	English
A.B., Harvard, 1903; A.M., 1904; Ph.D., 1910.	
BYRON C. DARLING.....	Orthopædic Surgery
M.D., Harvard, 1903.	
FRANK M. DEBATIN.....	Classical Philology
A.B., Washington University, 1912; A.M., 1913.	
PAULINE H. DEDERER.....	Zoölogy
A.B., Columbia, 1901; A.M., 1907; Ph.D., 1915.	
RICHARD DERBY.....	Clinical Surgery
A.B., Harvard, 1903; M.D., Columbia, 1907.	
OSCAR DIEM.....	Ophthalmology
BERNARD O. DODGE.....	Botany
Ph.B., Wisconsin, 1909; Ph.D., Columbia, 1912.	
GEORGE DRAPER.....	Clinical Medicine
A.B., Harvard, 1903; M.D., Columbia, 1906.	
HENRY B. DROWNE.....	Highway Engineering
C.E., Brown, 1903.	
KIRBY DWIGHT.....	Surgery
A.B., Princeton, 1901; M.D., Columbia, 1905.	

JAMES G. DWYER.....	Bacteriology
M.D., Queen's, 1905.	
ARTHUR B. EISENBREY.....	Clinical Surgery
Ph.B., Western Reserve, 1903; M.D., 1906.	
ARCHIBALD P. EVANS.....	Electro-Diagnosis and Electro-Therapeutics
M. D., Columbia, 1905.	
AUSTIN P. EVANS.....	History
A.B., Cornell, 1911.	
HAROLD A. FALES.....	Chemistry
B.S., Brooklyn Polytechnic, 1911; A.M., Columbia, 1914.	
HERMON W. FARWELL.....	Physics
A.B., Dartmouth, 1902; A.M., 1906.	
CHARLES A. FISCHER.....	Mathematics
A.B., Wheaton, 1905; A.M., Illinois, 1910; Ph.D., Chicago, 1912.	
HERMANN FISCHER.....	Clinical Surgery
M.D., Columbia, 1896.	
HARRY L. FISHER.....	Organic Chemistry
A.B., Williams, 1909; A.M., Columbia, 1910; Ph.D., 1912.	
EDWARD J. FORTIER.....	Romance Languages and Literatures
A.B., Tulane, 1904.	
DIXON R. FOX.....	History
A.B., Columbia, 1911; A.M., 1912.	
VICTOR O. FREEBURG.....	English
A.B., Yale, 1905; A.M., 1908; Ph.D., Columbia, 1915.	
ANTHONY C. FREEMAN.....	Pharmacology
A.B., Stanford, 1906; M.D., Columbia, 1910.	
RICHARD FROTHINGHAM.....	Laryngology
M.D., Harvard, 1892.	
JOSEPH E. FULD.....	Surgery
M.D., Columbia, 1893.	
HARRY F. GARDNER.....	Mineralogy
B.S., Michigan, 1912.	
H. RAWLE GEYELIN.....	Clinical Pathology
A.B., Pennsylvania, 1906; M.D., 1909.	
ALEXANDER GOLDENWEISER.....	Anthropology
A.B., Columbia, 1902; A.M., 1904; Ph.D., 1910.	
ABRAHAM L. GOODMAN.....	Clinical Diseases of Children
Ph.G., N. Y. College of Pharmacy, 1891; M.D., Columbia, 1895.	
GEORGE M. GOODWIN.....	Pharmacology
DONALD GORDON.....	Physiology
M.D., Columbia, 1906.	
JESSE M. GRAY.....	Germanic Languages and Literatures
A.B., Olivet, 1904; A.M., Columbia, 1913.	
NATHAN W. GREEN.....	Surgery
A.B., Yale, 1894; A.M., and M.D., Columbia, 1898.	
LOUISE H. GREGORY.....	Zoölogy
A.B., Vassar, 1903; A.M., Columbia, 1907; Ph.D., 1909.	
ROSCOE GUERNSEY.....	Classical Philology
A.B., Union, 1896; Ph.D., Johns Hopkins, 1901.	
JULES V. HABERMAN.....	Psycho-Therapy
A.B., Columbia, 1903; M.D., 1905.	
ROBERT M. HAIG.....	Economics
A.B., Ohio Wesleyan, 1908; A.M., Illinois, 1909; Ph.D., Columbia, 1914.	
HENRY E. HALE.....	Clinical Medicine
A.B., Princeton, 1892; A.M., 1896; M.D., Columbia, 1896.	

LELAND B. HALL.....	English
WILLIAM HALLER.....	English
A.B., Amherst, 1908; A.M., Columbia, 1911.	
MRS. JULIANA HASKELL.....	Germanic Languages and Literatures
A.B., Columbia, 1904; A.M., 1905; Ph.D., 1908.	
FRANCIS W. HEAGEY.....	Anatomy
A.B., Princeton, 1908; M.D., Columbia, 1912.	
FREDERICK W. HEHRE.....	Electrical Engineering
E.E., Columbia, 1908.	
OTTO HENSEL.....	Clinical Medicine
Ph.G., New York College of Pharmacy, 1895; M.D., Columbia, 1900.	
ARTHUR L. HERRICK.....	Mechanical Engineering
B.S., Dartmouth, 1909; C.E., Wisconsin, 1910.	
WARREN HILDRETH.....	Obstetrics
A.B., Princeton, 1906; M.D., Columbia, 1910.	
RANSOM S. HOOKER.....	Clinical Surgery
B.L., Hobart, 1895; M.D., Columbia, 1900.	
CLARE M. HOWARD.....	English
A.B., Columbia, 1903; A.M., 1904; Ph.D., 1914.	
HUBERT S. HOWE.....	Medicine (also Assistant in Pathology)
A.B., Denver, 1908; M.D., Columbia, 1912.	
RANDAL HOYT.....	Neurology
B.S., Princeton, 1905; M.D., Columbia, 1910.	
EMILIE J. HUTCHINSON.....	Economics
A.B., Columbia, 1905; A.M., 1908.	
MAUDE A. HUTTMANN.....	History
B.S., Columbia, 1904; A.M., 1905; Ph.D., 1914.	
LOUIS IMBERT.....	Spanish
A.B., Missouri, 1906; A.M., 1907.	
CHARLES H. JAEGER.....	Orthopædic Surgery
M.D., Columbia, 1896.	
HENRY JAMES.....	Clinical Medicine
A.B., Yale, 1903; M.D., Columbia, 1907.	
EDMUND R. P. JANVRIN.....	Clinical Medicine
A.B., Princeton, 1905; M.D., Columbia, 1909.	
D. STUART DODGE JESSUP.....	Clinical Pathology
A.B., Princeton, 1891; A.M., 1894; M.D., Columbia, 1894.	
ELEANOR KELLER.....	Chemistry
A.B., Columbia, 1900; A.M., 1910.	
FREDERICK R. KELLER.....	Electrical Engineering
E.E., Columbia, 1911.	
GEORGE V. KENDALL.....	English
A.B., Brown, 1912; A.M., Wisconsin, 1913.	
ROLFE KINGSLEY.....	Urology
Ph.B., Yale, 1902; M.D., Columbia, 1906.	
THOMAS B. KIRKPATRICK.....	Physical Education
B.S., Columbia, 1910; A.M., 1911.	
BENJAMIN S. KLINE.....	Pathology
A.B., Swarthmore, 1907; M.D., Johns Hopkins, 1911.	
CHARLES W. KNAPP.....	Medicine
A.B., Yale, 1908; M.D., Columbia, 1913.	
WALTER M. KRAUS.....	Biological Chemistry
A.B., Harvard, 1909; M.D., Johns Hopkins, 1913; A.M., Columbia, 1914.	
ALBERT R. LAMB.....	Clinical Medicine
A.B., Yale, 1903; M.D., Columbia, 1907.	



GRACE LANGFORD.....	Physics
S.B., Mass. Inst. of Tech., 1900.	
MINOR W. LATHAM.....	English
A.B., Mississippi State College for Women, 1901; A.M., Columbia, 1912.	
JOHN LESHURE.....	Laryngology
A.B., College of the City of New York, 1894; M.D., Columbia, 1898.	
RALPH W. LOBENSTINE.....	Clinical Gynecology
A.B., Yale, 1896; M.D., Columbia, 1900.	
GERHARD R. LOMER.....	English
A.B., McGill, 1903; A.M., 1904; Ph.D., Columbia, 1910.	
JOHN B. LYNCH.....	Ophthalmology
M.D., New York University, 1886.	
MALCOMB MCBURNEY.....	Bacteriology
A.B., Harvard, 1906; M.D., Columbia, 1910.	
JOSEPH F. MCCARTHY.....	Clinical Urology
Phar.D., New York College of Pharmacy, 1896; M.D., Columbia, 1901.	
JOHN A. MCCREERY.....	Clinical Surgery
A.B., Harvard, 1906; A.M., 1907; M.D., Columbia, 1910.	
CHARLES A. MCKENDREE.....	Neurology
A.B., Dartmouth, 1910.	
JOHN E. MCWHORTER.....	Surgery
M.D., Columbia, 1898.	
CLARENCE A. MCWILLIAMS.....	Clinical Surgery
A.B., Princeton, 1892; A.M., 1895; M.D., Columbia, 1895.	
JAMES S. MACGREGOR.....	Civil Engineering
B.S., Mass. Inst. of Tech., 1902; M.S., 1904.	
CONSTANTINE J. MACGUIRE, JR.....	Surgery (also Assistant in Anatomy)
A.B., Yale, 1907; M.D., Columbia, 1911.	
GEORGE M. MACKEE.....	Dermatology and Syphilology
M.D., New York University and Bellevue Hospital Medical College, 1899.	
GEORGE M. MACKENZIE.....	Pathology
A.B., Columbia, 1907; M.D., 1913.	
ARTHUR W. MACMAHON.....	Politics
A.B., Columbia, 1912.	
FRANK L. MASON.....	Electrical Engineering
E.E., Columbia, 1909.	
HOWARD H. MASON.....	Diseases of Children
A.B., Brown, 1900; M.D., Columbia, 1904.	
WILLIAM S. MESSER.....	Classical Philology
A.B., Columbia, 1905; A.M., 1909.	
ALFRED MICHAELIS.....	Otology
A.B., College of the City of New York, 1894; M.D., Columbia, 1898.	
PARKER T. MOON.....	History
B.S., Columbia, 1913.	
SERGIVS MORGULIS.....	Biological Chemistry
Ph.D., Harvard, 1910.	
LEIGHTON B. MORSE.....	Physics
Ph.B., Iowa College, 1903; Ph.D., Columbia, 1908.	
GEORGE W. MULLINS.....	Mathematics
A.B., Arkansas, 1904; A.M., Columbia, 1913.	
ARTHUR E. NEERGAARD.....	Clinical Medicine
A.B., Yale, 1904; M.D., Columbia, 1910.	
NATHANIEL R. NORTON.....	Diseases of Children
Ph.B., Yale, 1891; M.D., Columbia, 1894.	

- JAMES I. OSBORNE.....English  
A.B., Wabash, 1906; A.M., 1907; B.A., Oxford, 1913.
- REUBEN OTTENBERG.....Bacteriology  
A.B., Columbia, 1902; M.D., 1905.
- CHARLES PACKARD.....Zoölogy  
B.S., Syracuse, 1907; M.S., 1908; Ph.D., Columbia, 1914.
- HAROLD E. B. PARDEE.....Physiology  
A.B., Columbia, 1906; M.D., 1909.
- ALBERT T. POFFENBERGER, JR.....Psychology  
A.B., Bucknell, 1909; A.M., Columbia, 1910; Ph.D., 1912.
- ALLEN W. PORTERFIELD.....Germanic Languages and Literatures  
A.B., West Virginia, 1900; A.M., 1901; Ph.D., Columbia, 1911.
- CHARLES I. PROBEN.....Gynecology  
Ph.G., College of Pharmacy, 1883; M.D., Columbia, 1890.
- LAURENCE F. RAINSFORD.....Medicine  
A.B., Harvard, 1904; M.D., Columbia, 1909.
- EDWIN G. RAMSDELL.....Surgery  
A.B., Columbia, 1905; M.D., 1908.
- HYTHE M. RHETT.....Pharmacology  
B.S., Virginia Military Institute, 1909; M.D., Columbia, 1913.
- HENRY A. RILEY.....Pathology  
A.B., Yale, 1908; A.M. and M.D., Columbia, 1912.
- JAMES I. RUSSELL.....Clinical Surgery  
A.B., Virginia, 1897; M.D., Columbia, 1901.
- GEORGE H. RYDER.....Gynecology  
A.B., Yale, 1894; M.D., Columbia, 1899.
- T. LAURANCE SAUNDERS.....Otology  
A.B., Williams, 1900; M.D., Columbia, 1904.
- MARK J. SCHOENBERG.....Ophthalmology  
M.D., Bucharest, 1899.
- MAX SCHULMAN.....Clinical Medicine  
M.D., Columbia, 1905.
- OTTO M. SCHWERTFEGER.....Clinical Medicine  
M.D., Long Island Medical College, 1898.
- WILLARD L. SEVERINGHAUS.....Physics  
A.B., German Wallace College, 1904; A.M., 1905; Ph.D., Columbia, 1914.
- JAMES C. SHARP.....Anatomy  
M.D., Columbia, 1901.
- LEANDER H. SHEARER.....Clinical Medicine  
A.B., Princeton, 1897; M.D., Columbia, 1901.
- HERBERT N. SHENTON.....Sociology  
Ph.B., Dickinson, 1906; A.M., 1909; B.D., Drew Theological Seminary, 1910.
- MAURICE J. SITTFIELD.....Pathology  
M.D., Bellevue Hospital Medical College, 1898.
- CHARLES H. SMITH.....Diseases of Children  
B.S., Cornell, 1897; M.D., Columbia, 1901.
- ROBERT G. SNYDER.....Clinical Medicine  
M.D., Toronto, 1904.
- FORDYCE B. ST. JOHN.....Anatomy and Clinical Surgery  
B.S., Princeton, 1905; M.D., Columbia, 1909.
- DEWITT STETTEN.....Clinical Surgery  
M.D., Columbia, 1901.
- WILLIAM W. STIFLER.....Physics  
A.B., Shurtleff, 1902; A.M., Illinois, 1908 Ph.D., 1911.

ALFRED STILLMAN.....	Clinical Surgery
A.B., Harvard, 1903; M.D., Columbia, 1907.	
ARTHUR P. STOUT.....	Surgery
A.B., Yale, 1907; M.D., Columbia, 1912.	
ARCHIBALD McI. STRONG.....	Medicine
A.B., Princeton, 1904; M.D., Columbia, 1908.	
OLIVER S. STRONG.....	Anatomy
A.B., Princeton, 1886; A.M., Columbia, 1892; Ph.D., 1896.	
ETHEL STURTEVANT.....	English
A.B., Wellesley, 1906; A.M., Columbia, 1914.	
SAMUEL SWIFT.....	Gynecology
A.B., Yale, 1908; M.D., Columbia 1913.	
RUPERT TAYLOR.....	English
A.B., Arkansas, 1903; A.M., 1906; Ph.D., Columbia, 1911.	
ARTHUR H. TERRY, JR.....	Physiology
A.B., Yale, 1906; M.D., Columbia, 1910.	
BENJAMIN T. TERRY.....	Pathology
A.B., Vanderbilt, 1898; A.M., 1900; M.D., Johns Hopkins, 1904.	
ARTHUR W. S. THOMAS.....	Food Chemistry
Chemist, Columbia, 1912; A.M., 1914; Ph.D., 1915.	
JOHN C. VAUGHAN.....	Anatomy and Surgery
M.D., Columbia, 1907.	
ARTHUR S. VOSBURGH.....	Clinical Surgery
A.B., Columbia, 1890; M.D., 1893.	
GERALD WEEMAN.....	Physical Education
MORRIS F. WEINRICH.....	Physics
Mech. E., Columbia, 1904; A.M., 1907; Ph.D., 1909.	
ALLEN O. WHIPPLE.....	Clinical Surgery
B.S., Princeton, 1904; M.D., Columbia, 1908.	
JAMES W. WHITE.....	Ophthalmology
M.D., Albany Medical College, 1905.	
WILLIAM C. WHITE.....	Clinical Surgery
B.S., Wesleyan, 1908; M.D., Columbia, 1912.	
JAMES R. WHITING.....	Urology
A.B., Harvard, 1893; M.D., Columbia, 1896.	
HERBERT B. WILCOX.....	Diseases of Children
A.B., Yale, 1898; M.D., Columbia, 1902.	
PERCY H. WILLIAMS.....	Gynecology
A.B., Princeton, 1897; M.D., Columbia, 1901.	
FRED WISE.....	Dermatology and Syphilology
M.D., Columbia, 1904.	
ISAAC O. WOODRUFF.....	Clinical Medicine
A.B., College of the City of New York, 1900; M.D., Columbia, 1904.	
FRANK C. YEOMANS.....	Surgery
A.B., Yale, 1897; M.D., Cornell, 1900.	

(171)

## Lecturers

FREDERICK L. ACKERMAN, B.Arch.....	Architecture
HENRY N. ARNOLD, LL.B.....	Mining Law
NORMAN T. BOGGS, A.M.....	Philosophy
TRAUGOTT BÖHME, Ph.D.....	Germanic Languages and Literatures
ORLANDO C. BOWES, A.M.....	Agriculture

HARRIETT BRADLEY, A.M.	Economics
JULIUS A. BROWN, A.M.	Physics
ROBERT H. BROWN, S.B.	Sanitary Engineering
ETTORE CADORIN, Ph.D.	Italian
HENRY A. E. CHANDLER, B.S.	Economics
REV. FATHER CORNELIUS CLIFFORD, A.B.	Philosophy
MRS. ESTELLE H. DAVIS.	English
WILLIAM S. DAY, Ph.D.	Physics
PIERRE DE BACOURT, B.S., B.L.	Romance Languages
MADELEINE H. DOBY, B. ès L.	Romance Languages and Literatures
DEAN S. FANSLER, Ph.D.	English
MRS. CHRISTINE LADD-FRANKLIN, LL.D.	Psychology
LEON FRASER, Ph.D.	Politics
GARRARD GLENN, LL.B.	Law
PLINY E. GODDARD, Ph.D.	Anthropology
GRACE H. GOODALE, A.B.	Classical Philology
ROBERT L. HALE, A.M., LL.B.	Economics
LAURA HATCH, M.S.	Geology
PHILIP M. HAYDEN, A.M.	Romance Languages and Literatures
PHILIP K. HITT, Ph.D.	Semitic Languages (Gustav Gottheil Foundation)
SEABURY C. MASTICK.	Chemical Patents
CHARLES C. MOOK, Ph.D.	Geology
MRS. RUTH RAEDER MOOK, A.M.	Geology
CLAUDIUS T. MURCHISON, A.B.	Economics
ROBERTS B. OWEN, Ph.D.	Philosophy
GEORGE PECKHAM, A.B.	Philosophy
ANDRES PEREZ.	Spanish
MRS. MARION L. RICHARDS, A.M.	Botany
WILLIAM Z. RIPLEY, Ph.D.	Economics
OSCAR H. ROGERS, M.D.	Life Insurance Examination
BRUNO ROSELLI, Ph.D.	Italian
DONALD S. TUCKER, A.M.	Economics
GUSTAVE R. TUSKA, C.E., M.S.,	Street Cleaning and Municipal Waste Disposal
FREDERICK A. VANDERBURGH, Ph.D.	Semitic Languages
ABRAHAM YOHANNAN, Ph.D.	Oriental Languages

(40)

## Curators

RICHARD F. BACH, A.B.	Architecture
MARJORIE O'CONNELL, A.M.	Palæontology
RALPH W. TOWER, Ph.D.	Natural Science Collections in the Library

(3)

## Assistants

HAROLD F. ALLEN, Mech.E.....	Mechanical Engineering
BENJAMIN R. ALLISON, M.D.....	Pathology
EDGAR ALTENBURG, A.M.....	Botany
JAMES C. ANDREWS, B.S.....	Chemistry
JOHN C. BAKER, B.S., M.Pd.....	Chemistry
ARNOLD K. BALLS, B.S.....	Biological Chemistry
J. ARTHUR BALMFORD, E.E.....	Electrical Engineering
FREDERIC W. BANCROFT, M.D.....	Surgery
FRTZ BERCKHEMER, Ph.D.....	Palæontology
J. MALCOLM BIRD, A.B.....	Mathematics
WILLIAM B. BOYD, M.D.....	Clinical Medicine
LILIAN BRANDT, A.M.....	Social Economy
LAURA C. BRANT, A.M.....	Physics
GASTON A. CARLUCCI, M.D.....	Clinical Pathology
EDWARD G. CARY, M.D.....	Cancer Research
JAMES L. COBB, M.D.....	Anatomy
JAMES A. CORSCADEN, M.D.....	Surgery
FRANK A. EVANS, M.D.....	Pathology
CYRUS W. FIELD, M.D.....	Pathology
EARL L. FISHER, E.E.....	Electrical Engineering
FREDERICK S. GOUCHER, A.M.....	Physics
RODERICK V. GRACE, M.D.....	Anatomy
WALTER J. GRAHAM, A.M.....	English
GAYLORD W. GRAVES, M.D.....	Diseases of Children
CYRIL W. GREENLAND, B.Sc.....	Mineralogy
HERMAN K. HAEBERLIN, Ph.D.....	Anthropology (Research)
PAUL C. HAESELER, S.B.....	Chemistry
VERNON HAHN, A.B.....	Chemistry
B. WALLACE HAMILTON, M.D.....	Diseases of Children
EDNA M. HENRY, A.B.....	Zoology
BELA HUBBARD, B.S.....	Palæontology
HELEN R. HULL, Ph.B.....	English
LEFFERTS HUTTON, M.D.....	Clinical Medicine
JOHN D. KERNAN, JR., M.D.....	Anatomy
RUSSEL S. KNAPPEN, B.S.....	Geology
SYDNEY D. KRAMER, B.S.....	Biological Chemistry
JEROME S. LEOPOLD, M.D.....	Clinical Diseases of Children
EUGENE H. LESLIE, B.S.....	Chemistry
VICTOR E. LEVINE, Ph.D.....	Biological Chemistry
RAYMOND W. LEWIS, M.D.....	Pathology

KARL J. LOEWI, M.D.	Surgery
MRS. FLORENCE DE L. LOWTHER, A.M.	Zoölogy
KENNETH R. MCALPIN, M.D.	Clinical Pathology
ROBERT S. MCEWEN, A.M.	Zoölogy
ISABEL MCKENZIE, A.M.	History
STAFFORD MCLEAN, M.D.	Diseases of Children
FRANK J. McMACKIN, A.M.	Mathematics
MELVIN A. MARTIN, Ph.D.	Psychology
HENRY J. MASSON, Chem.E.	Chemical Engineering
HENRY F. A. MEIER, A.M.	Botany
WILLIAM J. MERSEREAU, M.D.	Diseases of Children
FREDERICK MILLER, C.E.	Civil Engineering
KENNETH P. MONROE, B.S.	Chemistry
JOHN J. B. MORGAN, A.M.	Psychology
DUDLEY H. MORRIS, M.D.	Cancer Research
RUSSELL W. MUMFORD, A.M.	Chemical Engineering
GEORGE S. PARKER, E.E.	Electrical Engineering
HAROLD P. PARTENHEIMER, A.B.	Chemistry
WILLIAM A. PERLZWEIG, A.M.	Biological Chemistry
GOUVERNEUR M. PHELPS, M.D.	Surgery
OTTO C. PICKHARDT, M.D.	Anatomy
HAROLD H. PLOUGH, A.M.	Zoölogy
MARK S. REUBEN, M.D.	Diseases of Children
GEORGE L. ROHDENBURG, M.D.	Cancer Research
FRANK A. ROSS, A.M.	Sociology
HESTER M. RUSK, A.B.	Botany
GEORGE P. RUSSELL	Chemistry
JESSE F. SAMMIS, M.D.	Diseases of Children
ANDREW J. SCARLETT, JR.	Chemistry
WILLIAM A. SCHEUCH, E.M.	Metallurgy
OSCAR M. SCHLOSS, M.D.	Diseases of Children
VICTOR B. SEIDLER, M.D.	Pathology
LEWIS M. SILVER, M.D.	Diseases of Children
WALDEMAR M. STEMPEL, M.S.	Physics
HOLLAND N. STEVENSON, M.D.	Cancer Research
MARY W. STEWART, A.M.	Botany
RALPH R. STEWART, A.M.	Botany
JENNIE TILT, M.S.	Chemistry
VIOLA TURCK, A.M.	Chemistry
FREDERICK T. VAN BEUREN, M.D.	Surgery
WALTER B. VEAZIE, A.B.	Philosophy
JOHN A. VIETOR, M.D.	Anatomy and Surgery

ALICE P. N. WALLER, A.B.....	History
CLARA C. WARE, A.B.....	Zoölogy
FREDERICK P. WHITAKER, LL.B.....	Law
SARAH P. WHITE, A.M., M.D.....	Philosophy
E. STAGG WHITIN, Ph.D.....	Social Legislation
HERBERT L. WHITEMORE, Mech.E.....	Civil Engineering
HERBERT J. WIENER, M.D.....	Medicine
WILLIAM C. WOOLSEY, M.D.....	Surgery
CECIL YAMPOLSKY, B.S.....	Botany (Research)
DONNELL B. YOUNG, B.S.....	Zoölogy

(91)

## Clinical Assistants

Officers of instruction holding appointments in addition to that of Clinical Assistant are not included in this list. A complete list of the Clinical Assistants in each subject will be found at the head of the appropriate Departmental Statement.

MEDICINE: DAVID M. BROWN, M.D., SAMUEL CANTOR, M.D., J. EPSTEIN, M.D., M. FRIEDSON, M.D., VINCENT GILIBERTI, M.D., B. GLASGOW, M.D., S. J. GOLDFARB, M.D., JOHN C. HAMILTON, M.D., F. C. HORSFORD, M.D., WALTER C. HURWITZ, M.D., MIGUEL A. LEMUS, M.D., M. D. MISLIG, M.D., CHARLES REIGROD, M.D., ALEXANDER ROSENTHAL, M.D., MORRIS J. SIMON, M.D., A. A. SMERNOFF, M.D., M. G. WILSON, M.D., CLEMENT C. YOUNG, M.D., ANIBAL ZELAYA, M.D.

SURGERY: A. C. BURNHAM, M.D., EDWARD A. CAIN, D.D.S., HENRY S. DUNNING, M.D., C. J. HARBECK, M.D., J. F. REHBERMAN, D.D.S., FRANK J. REMY, D.D.S., FRANK S. SHIELDS, D.D.S., LEO STERN, D.D.S.

ORTHOPÆDIC SURGERY: SIGMUND BOORSTEIN, M.D., WILLIAM FRIEDER, M.D., ABRAHAM RICHMAN, M.D., H. D. SONNENSCHEN, M.D.

NEUROLOGY: LOUIS A. ARONSON, M.D., CONRAD BERENS, M.D., GEORGE A. BLAKESLEE, M.D., SANGER BROWN, 2d, M.D., A. J. BRUDER, M.D., CHARLES E. CARR, M.D., LEON H. CORNWELL, M.D., F. DANZER, M.D., ARTHUR D. DRYFOOS, M.D., OTTO GLOGAU, M.D., N. J. GOTTFRAT, M.D., S. R. LEAHY, M.D., W. O. L. LELLMAN, M.D., J. L. MACUMBER, M.D., CARROLL L. NICHOLS, M.D., H. LE B. PETERS, M.D., NORMAN SHARPE, M.D., WILLIAM SHARPE, M.D., HARRY G. SMITH, M.D., M. DEFORD SMITH, M.D., J. C. WILLIAMS, M.D.

GYNECOLOGY: DANIEL R. AYRES, M.D., EDWARD C. LYONS, Jr., M.D., AUGUSTINE W. ROFF, M.D., ROYAL C. VAN ETTEEN, M.D.

OPHTHALMOLOGY: RALPH BARVER, M.D., GAETANO DEYOANNA, M.D., DANIEL W. FRYE, M.D., LOUIS GREENBERG, M.D., LOUIS H. SCHWARTZ, M.D.

LARYNGOLOGY: A. S. BLUMGARTEN, M.D., BENJAMIN FREUDENFALL, M.D., LOUIS GREENBERG, M.D., DANIEL S. HARDENBERG, M.D., ROY S. HINSDALE, M.D., CHARLES OSGOOD, M.D., EDWARD L. PRATT, M.D., DAVID A. SINGER, M.D.

TUBERCULOSIS: H. A. BANCEL, M.D., G. A. FRIEDMAN, M.D., ARTHUR M. JACOBUS, M.D., CHARLES M. MANN, M.D., H. R. MIXSELL, M.D., JULIUS W. WEINSTEIN, M.D.

DERMATOLOGY AND SYPHILOLOGY: ELIAS W. ABRAMOWITZ, M.D., WALTER P. ANDERTON, M.D., WILLIAM BLANCARD, M.D., E. C. JAGLE, M.D., WILLIAM B. LONG, M.D., JOHN REMER, M.D., ISIDORE ROSEN, M.D., MAX SCHEER, M.D., CHARLES T. SHARPE, M.D., E. J. SNYDER, M.D., F. STEINKE, M.D., D. D. STETSON, M.D., C. T. STEVENS, M.D.

DISEASES OF CHILDREN: H. L. BIBBY, M.D., ERNEST E. CLEAVES, M.D., MORRIS FRIEDSON, M.D., LYNN L. FULKERSON, M.D., GUSTAVE R. MANNING, M.D., ISIDORE MILLER, M.D., H. R. MIXSELL, M.D., GEORGE A. SCHNEPEL, M.D., JACOB WASHTON, M.D.

UROLOGY: B. H. BELCHER, M.D., JAMES A. COWAN, M.D., S. W. FOWLER, M.D., WALTER S. GRAHAM, M.D., BERNARD KOHN, M.D.

APPLIED THERAPEUTICS: H. A. BANCEL, M.D., SOLOMON BECK, M.D., PAUL BARTHOLOW, M.D., SOLOMON LEVINE, M.D., HARRY LOWENS, M.D., LEWIS B. ROBINSON, M.D.

OTOLOGY: I. H. ALEXANDER, M.D.

(110)

### TEACHERS COLLEGE JUNIOR OFFICERS

*Professors:* JULIUS AUGUST BEWER, Ph.D., *Biblical Literature*; CHARLES E. A. WINSLOW, M.D., *Hygiene*

*Associates in Education:* LOUIS EDWARD BISCH, MD., *Educational Psychology*; WILLIAM EDWIN BRECKENRIDGE, A.M., *Mathematics*; J. MONTGOMERY GAMBRILL, A.M., *History*; FRANCIS MARION GARVER, A.M., *Secondary Education*; ISAAC L. KANDEL, Ph.D., *Administration of Education*; WILLIAM JACOB KRAFT, B.Mus., *Music*; THOMAS H. POWERS SAILER, Ph.D., *Religious Education*; WARREN H. WILSON, Ph.D., D.D., *Rural Education*

*Instructors:* LOUISE S. ATKINSON, B.S., *Kindergarten Education*; MATTHEW GRUENBERG BACH, A.M., *German*; EMMA R. BAKER, *Household Arts*; LYDIA RAY BALDERSTON, B.S., *Household Arts*; LAURA IRENE BALDT, B.S., *Household Arts*; ANNA WOODS BALLARD, A.M., *French*; ANNA BARROWS, *Household Arts*; MARY PORTER BEEGLE, B.S., *Physical Education*; ETHELWYN C. BRADISH, *Fine Arts*; GRACE LILLIAN BROWN, *Kindergarten Education*; AGNES BURKE, *Kindergarten Education*; GERTRUDE KLINE COLBY, *Physical Education*; JOSEPH H. CONSTANTINE, *Industrial Arts*; ELIZABETH CHRISTINE COOK, Ph.D., *English*; ELLA PHILLIPS CRANDALL, *Household Arts*; GRACE ALICE DAY, *Elementary Education*; LILLIAN CURTIS DREW, *Physical Education*;

ELSA FRAME, *Household Arts*; CHARLOTTE A. FRANCIS, A.M.,<sup>1</sup> *Chemistry*; LUCILE GRACE FRENCH, *Household Arts*; CHARLOTTE GANO GARRISON, B.S., *Kindergarten*; FRED FOREMAN GOOD, A.M., *Physical Science*; LILLIAN M. B. GUNN, *Household Arts*; GEORGE T. HOLM, *Physical Training*; HELEN LATHAM, *Music*; MARY G. MCCORMICK, A.M., *Household Arts*; ELLEN BEERS MCGOWAN, B.S., *Household Arts*; MATILDA J. MCKEOWN, B.S., *Household Arts*; MELINDA I. MANCHESTER, B.S., *Steward and Instructor in Household Arts*; MAUD MARCH, *Physical Education*; CHARLES J. MARTIN, *Fine Arts*; ANNIE E. MOORE, B.S., *Elementary and Kindergarten Education*; FRANK C. PANUSKA, *Industrial Arts*; LINETTE A. PARKER, B.S., *Nursing and Health*; SARA LYMAN PATRICK, B.S., *Industrial Arts Education*; MARY HENLEY PEACOCK, Ph.B., *Household Arts*; MARY E. RANKIN, *Kindergarten Education*; EMILY C. SEA-

<sup>1</sup> Absent on leave, 1915-16.



MAN, Ph.D., *Physiological Chemistry*; JANET ROWLAND SEIBERT, A.M., *Physical Education*; BERTHA E. SHAPLEIGH, *Household Arts*; LYDIA SOUTHARD, A.B., *Household Arts*; ADELAIDE M. SPOHR, *Chemistry*; WILHELMINA SPOHR, B.S., *Household Arts*; CAROLINE E. STACKPOLE, A.M., *Biology*; ISABEL MAITLAND STEWART, A.M., *Nursing and Health*; ANNE HERVEY STRONG, A.B., *Nursing and Health*; LAVINIA TALLMAN, A.M., *Religious Education*; SALLIE B. TANNAHILL, *Fine Arts*; EDWARD THATCHER, *Industrial Arts*; EVELYN SMITH TOBEY B.S., *Household Arts*; MARION REX TRABUE, *Educational Administration*; CHARLES B. UPJOHN, *Pottery*; SADIE B. VANDERBILT, B.S., *Household Arts*; JOHN JAY WALSH, *Industrial Arts*; BESSIE SCOTT WHITE, *Household Arts*; RUTH WILMOT, *Household Arts*; BERNADINE MEYER YUNCK, *Physical Education*; MARGARET MAUD ZERBE, *Music*

*Lecturers*: EVA ALLEN ALBERTI, *Physical Education*; DONALD ARMSTRONG, M.D., *Nursing and Health*; THOMAS HENRY BRIGGS, Ph.D., *Secondary Education*; S. JOSEPHINE BAKER, M.D., *Nursing and Health*; GRACE MARIE DASCHBACH, *Music*; ELIZABETH E. FARRELL, *Psychology*; JOSEPHINE HEMENWAY KENYON, A.M., M.D., *Nursing and Health*; CLARA D. NOYES, *Nursing and Health*; TEUNIS J. VAN DER BENT, *Household Arts*

*Foreign Correspondents*: DR. FRANZ SKABERNÉ, Vienna, Austria; A. E. TWENTYMAN, London, England; PROFESSOR GOETZE, Berlin-Dahlem, Germany; J. CLARK, Glasgow, Scotland; PROFESSOR COULET, Paris, France

*Assistants*: MARIAN KYLE ADAMS, *Physical Education*; MARGARET BECKER, *Foods and Cookery*; F. M. BROWN, *Woodworking*; GRACE BUCKLEY, *Nursing and Health*; HELEN C. COOMBS, *Biological Chemistry*; ISABEL S. COOPER, B.S., *Physical Education*; MARY WROE CURTIS, *Household Arts*; LOUISE P. CURR, *Speech*; JUANITA E. DARRAH, *General Chemistry*; HELEN E. DILLER, A.M., *English*; THEODORE EATON, *Industrial Arts Education*; ALICE L. EDWARDS, *Biology*; WINIFRED STUART GIBBS, *Household Arts*; W. J. GIFFORD, *History of Education*; FRANCES GRIMES, *Foods and Cookery*; HELEN J. HARVITT, *French*; HATTIE LOUISE HEFT, A.M., *Biological Chemistry*; JESSICA M. HILL, A.M., *English*; FLORENCE E. HOUSE, *Industrial Arts Education*; GENEVIEVE HOWELL, *Foods and Cookery*; RICHARD L. KRAMER, *General Chemistry*; JESSIE KATHERINE MACDONALD, *Music*; ELIZABETH MANN, B.S., *Household Arts*; HAROLD C. MANY, *Latin*; ANNA McMILLEN, *Household Arts*; CHARLES H. MEEKER, *Household Arts*; R. W. MUMFORD, *Chemistry*; DAY MONROE, *Foods and Cookery*; MARY ELIZABETH PILLSBURY, B.S., *Household Arts*; HELENE M. POPE, *Household Arts*; SUSIE E. PURVIS, B.S., *English*; ETHEL ROBINSON, *Kindergarten Education*; HELEN D. ROMER, *Educational Psychology*; MARTIN W. SMITH, *History*; BERTHA SHAPLEY, *General Chemistry*; CORNELIA H. STONE, *Foods and Cookery*; OSCAR S. TEALE, *Industrial Arts*; G. O. VON HOFE, *Physical Science*; GERTRUDE WARREN, *Foods and Cookery*; MARY JOSEPHINE WIETHAN, *Music*; CLAGETT WILSON, *Household Arts*; EMMA A. WINSLOW, *Household Arts*; ANDREW T. WYLIE, A.M., *English*

*Lecturers in Special Classes*: JAMES CHITTICK, *Textiles*; HAVEN EMERSON, A.M., M.D., *Nursing and Health*; REGINALD NORMAN JOLLIFFE, *Music*; ROSANOFF LEIF, *Music*; VOJTECH PREŠISIG, *Fine Arts*; THEODOR QUASEBART, *Textiles*; ADA J. SMITH, *Household Arts*; EDGAR S. STOWELL, *Music*; LILLIAN D. WALD, LL.D., *Nursing and Health*; CLARENCE HUDSON WHITE, *Fine Arts*.

## TEACHERS COLLEGE SCHOOLS

VIRGIL PRETTYMAN, Pd.D., *Principal of High School for Boys*; HENRY CARR PEARSON, A.B., *Principal of Elementary School and of High School for Girls*; CHARLOTTE GANO GARRISON, B.S., *Principal of Kindergarten*; MARION ROOT PRATT, *Secretary*; ANNA AUGUSTA JONES, *Secretary of Boys High School*; AMY LOGAN, B.S., *Assistant to Principal of Elementary School*, CONSTANCE FABIOLA BURR, *Secretary of High School for Girls*; HELEN CRISSEY, *Secretary of Elementary School*; LILLIAN RANDALL, *Librarian of High School or Boys*; HELEN MOSS, *Librarian of High School for Girls*

VIRGIL PRETTYMAN, Pd.D., *Principal of High School for Boys*; HENRY CARR PEARSON, A.B., *Principal of High School for Girls*; CHARLES MCCOY BAKER, *Head of Department of Classics*; JOSEPH CLIFTON BROWN, *Head of Department of Mathematics*; HARRY WHEELER MARTIN, *Head of Department of History*; WILHELM HELMUTH GOHDES, *Head of Department of Modern Languages*; ROLAND HUGH WILLIAMS, *Head of Department of Science*; KATE STUART ANTHONY, *Domestic Art*; GEORGIA FARRAND BACON, *English*; FREDERICK HAIG BAIR, *English*; HELEN BARTLETT BAKER, *English*; HELEN BAUM, *Physical Training*; C. F. BREDEMUS, *Mathematics and Physical Education*; ELIZABETH BRIGGS, *History*; FRANK ELBERT BROOKS, *French*; MARIE KARCHER BROOKS, *French*; GERTRUDE COLBY, *Physical Education*; ABBOTT LOW COMBES, *Industrial Arts*; LAURA BISHOP CRANDON, *German*; EVAN JOHN DAVID, *English*; ALFRED DAVIS, *Mathematics*; LUCIA WILLIAMS DEMENT, *Fine Arts*; PHILIP EATON, *Latin*; JOHN BATES EYSTER, *German*; CHARLES D. GEROW, *History*; MARY BROWNSON GILLMORE, *History*; C. F. GUEKER, *Physical Education*; LILLIAN C. HOFFMAN, *Domestic Art*; GEORGE THOMAS HOLM, *Swimming*; CAROLINE WOODBRIDGE HOTCHKISS, *English*; P. JOSEPH KERSEY, *Physical Education*; CLARA BARBARA KIRCHWEY, *Science*; WILLIAM JACOB KRAFT, *Music*; LILLIE MARIA LAWRENCE, *Latin*; ALTON IRVING LOCKHART, *Chemistry and Physics*; FORREST SUMNER LUNT, *English*; JAMES MACGOWAN, *Mathematics*; HARRY WHEELER MARTIN, *History*; ADA MEILZTER, *Industrial Arts*; ETHEL MOFFAT, *Domestic Science*; KATHARINE MORSE, *English*; BERTHE MÜLLER, *French*; WILLIAM JOHN NAGLE, *Latin*; JOHN DUELE NEITZ, *Special Tutor*; RUTH PETERS, *Fine Arts*; NINA FRANCIS RAYNOR, *Latin*; MARIE LOUISE ROBERT, *French*; JEANNETTE R. SEIBERT, *Recorder*; GEORGE FRANCIS STRATTON, *Mathematics*; FLORENCE STUART, *Physical Training*; JOHN THOMAS VAN SANT, *Mathematics*; G. D. VON HOFE, JR., *Science*; CARLE O. WARREN, *Mathematics*; RUTH WATSON, *Domestic Science*; FLORENCE LOUISE WEEKS, *Mathematics*; PHILIP EARL WEST, *Science*; ELIZABETH MARIAN WHEELOCK, *English*

## ELEMENTARY SCHOOL

HENRY CARR PEARSON, A.B., *Principal*; CLARA MABEL WHEELER, *First Grade*; FLORENCE MABEL McVEY, *First Grade*; ALICE M. WOODY, *First Grade*; EVELYN BATCHELDER, *Second Grade*; MILDRED IONE BATCHELDER, *Second Grade*; ALICE ELIZABETH PHELPS, *Open Air Class, Second and Third Grades*; LAURA A. GILLMORE, *Third Grade*; THEO. R. STONE, *Third Grade*; PAULINE P. FOX, *Third and Fourth Grades*; IDA ELIZABETH ROBBINS, *Fourth Grade*; FLORENCE MARSHALL PERKINS, *Fourth Grade*; MARGARET GERTRUDE

<sup>1</sup> Absent on leave 1914-15.

CONDRIY, *Fifth Grade*; MAUD VIVIAN KEYES, *Fifth Grade*; RUTH BATCHELDER, *Fifth Grade*; MARIE HENMAS, *Fifth Grade*; SIEGFRIED MAIA UPTON, *Open Air*; MARY FREDERIKA KIRCHWEY, *Sixth Grade*; MARY GERTRUDE PEABODY, *Sixth Grade*; ROXANA ALER STEELE, *Sixth Grade*; LUCY HESS WEISER, *Industrial Art*; LUCIA WILLIAMS DEMENT, *Fine Arts*; BELLE BOAS, *Fine Arts*; HELEN LATHAM, *Music*; MARY PERLE ANDERSON, *Nature Study*; HELEN F. WEBB JONES, *Physical Education*; MRS. HARRIET G. CARTWRIGHT, *Music*; LUTHER H. GULICK, *Director, Boys' Club*; LEYTON E. CARTER, *Director, Boys' Club*; RALPH E. HEDGES, *Director, Boys' Club*; PAUL A. DAVIES, *Director, Boys' Club*; MARY E. ROHR, *Grammar Assistant*; CAROLINE M. BRADNER, *Primary Assistant*; NELLIE H. LOVE, *Assistant in Open Air Class*; HELENE KNEIP, *Assistant in Kindergarten*; LILLIAN C. HOFFMAN, *Assistant in Domestic Art*; HELEN BAUM, *Assistant in Physical Training*; ETHEL MARIA ROBINSON, *Kindergarten*; AGNES BURKE, *Kindergarten*; LOUISE S. ATKINSON, *Kindergarten*; *Special Class for Atypical Children*: MAUD KEATOR, *Teacher*; C. AMELIA WINFORD, *Assistant*; MADELINE A. POWELL, *Nurse*

## SUMMER SESSION 1915

GEORGE MARCUS ALLEN, B.S., *Architecture*; I. S. ANDREYEVSKY, *Russian*; WALTER SCOTT ATHEARN, A.M., *Religion*; JULIA HILL ATWELL, B.S., *Fine Arts*; MATTHEW G. BACH, A.M., *German*; FRANCIS B. BARTON, Ph.D., *Romance Languages*; JAMES C. BAY, A.B., *Elementary Education*; BERTHA M. BENTLEY, B.S., *Industrial Arts*; FREDERICK REGINALD BEYGRAU, *Stenography and Typewriting*; LOUIS E. BISCH, M.D., *Psychology*; GEORGE HENRY BOKE, LL.B., *Law*; RODRIGO HUGUEP BONILLA, *Romance Languages*; FREDERICK M. BOOTH, *Stenography*; ORLANDO C. BOWES, A.M., *Agriculture*; ARTHUR CHARLES L. BROWN, Ph.D., *English*; HAROLD CHAPMAN BROWN, Ph.D., *Philosophy*; JOSEPH CLIFTON BROWN, A.M., *Mathematics*; F. J. BURGDORFF, B.S., *Agriculture*; MABEL CARNEY, *Rural Education*; CHARLES MACDONALD CARSON, A.B., *Chemistry*; G. MARTIN CASKEY, *Physical Education*; FRANK WADLEIGH CHANDLER, Ph.D., *English and Comparative Literature*; E. C. CHICKERING, Ph.D., *Latin*; ALBERT M. COHN-MCMMASTER, A.M., *Romance Languages*; ROSSETTER G. COLE, A.M., *Music*; STEPHEN SHELDON COLVIN, Ph.D., *Educational Psychology*; W. W. COOK, A.M., LL.M., *Law*; LEONIDAS WAKEFIELD CRAWFORD, A.M., *Excursions*; ELIZABETH E. CUSHING, *Household Arts*; GEORGE H. DANTON, Ph.D., *German*; GRACE A. DAY, *Elementary Education*; ARTHUR D. DEAN, *Administration of Industrial Education*; ANNA L. DE BOULIGNY, *French*; MICHAEL F. DEE, LL.B., *Law*; WALTER FAIRLEIGH DODD, *Politics*; MATHURIN DONDO, *Romance Languages*; LILLIAN C. DREW, *Physical Education*; STEPHEN PIERCE DUGGAN, Ph.D., *History of Education*; DANIEL B. DUNCAN, Ph.B., *English*; PETER W. DYKEMA, M.L., *Music*; CLARENCE A. DYKSTRA, A.B., *Politics*; LIDA B. EARHART, Ph.D., *Elementary Education*; THEODORE H. EATON, A.B., *Agriculture*; ANDREW WHEATLEY EDSON, A.M., *Educational Administration*; JAMES CLAUDE ELSOM, M.D., *Physical Education*; JOHN BATES EYSTER, Ph.B., *German*; FRANKLIN CHARLES FETTE, A.M., *Physical Education*; LEONA H. FETTE, A.B., *Physical Education*; GEORGE IRVING FINLAY, Ph.D., *Geology*; JOHN DRISCOLL FITZ-GERALD, II, Ph.D., *Romance Languages*; DANIEL JOHNSON FLEMING, Ph.D., *Religion*; JAMES EVERETT FRAME, A.M., *New Testament Literature*; VICTOR O. FREEBURG, Ph.D., *English*; JOSEPH FLOYD FULLER, *Industrial Arts*; WILLIAM F. GEPHART

<sup>1</sup> Absent on leave.

Ph.D., *Economics*; THEDA GILDEMEISTER, A.M., *Elementary Education*; HENRY H. GOLDBERGER, A.M., *English*; PETER H. GOLDSMITH, *History*; ETHEL GOWANS, B.S., *Agriculture*; JOSEPH MARR GWINN, A.M., *Educational Administration*; LEWIS H. HAIGHT, *Metalworking*; ALICE CYNTHIA KING HALL, A.M., *Elementary Education*; LAURA R. GIBBS, *Library Economy*; JOHN WILLIAM HALL, A.M., *Elementary Education*; MARY E. HALL, *Library Economy*; ERNEST M. HALLIDAY, A.M., *Public Speaking*; W. E. HARNED, A.B., *Stenography and Typewriting*; WILLIAM R. HAYWARD, A.M., *Commercial Administration*; HORACE G. HEALEY, A.M., *Stenography and Typewriting*; ERNEST NORTON HENDERSON, Ph.D., *Philosophy of Education*; MARY D. HILL, *Kindergarten Education*; ERNEST HORN, Ph.D., *Elementary Education*; WILL DAVID HOWE, *English*; GUY RICHARD HUBBART, A.B., *Advertising*; GORDON FERRIE HULL, Ph.D., *Physics*; OTTO VICTOR HUMANN, *Fine Arts*; ROBERT ERNEST HUME, Ph.D., *Religion*; WALTER E. INGERSOLL, *Stenography*; ALVIN S. JOHNSON, Ph.D., *Economics*; EDNA M. KLAER, *Household Arts*; S. BERNARD KOOPMAN, M.C.S., *Bookkeeping and Accounting*; EDWARD BENJAMIN KREHBIEL, Ph.D., *History*; CAROLINE KREYKENBOHM, B.S., *German*; GARI-BALDI LAGUARDIA, *Romance Languages*; MICHAEL LEVINE, Ph.D., *Botany*; CHARLES RAMSDELL LINGLEY, Ph.D., *History*; F. LOWENSTEIN, *Physics*; JAMES PATTERSON MCBAIN, LL.B., *Law*; FRANCIS M. MCCULLOUGH, C.E., *Mechanics*; D. O. MCGOVNEY, LL.B., *Law*; STEPHEN A. MCINTIRE, LL.B., *Law*; KENNETH MCKENZIE, Ph.D., *Romance Languages*; F. J. MCKACKIN, A.M., *Mathematics*; ANNA McMILLAN, *Textiles and Clothing*; GRACE HARRIET MACURDY, Ph.D., *Classical Philology*; RALPH V. D. MAGOFFIN, Ph.D., *History*; IDA M. MENDENHALL, Ph.B., *Library Economy*; ALBERT A. MÉRAS, Ph.D., *French*; WHITELAW REED MORRISON, A.M., M.D., *Physical Education*; HENRY F. MUNRO, A.M., *International Law and Diplomacy*; CLARK SUTHERLAND NORTHUP, Ph.D., *English*; F. A. OGG, Ph.D., *History*; HARRY V. E. PALMBLAD, A.M., *German*; SAMUEL W. PATTERSON, Ph.D., *English*; HENRY CARR PEARSON, A.B., *Elementary Education*; MARY E. PENNELL, *Kindergarten Education*; DEWITT CLINTON POND, B.S., *Architecture*; MARY IRENE PRAY, B.S., *Physical Education*; ELIZABETH K. REYNOLDS, *Russian*; RALPH E. ROGERS, LL. B., *Common Law*; ROBERT W. ROGERS, Ph.D., Litt. D., *Religion*; J. SALWIN SCHAPIRO, Ph.D., *History*; FREDERICK WILLIAM SCHOLZ, A.M., *German*; WALTER DILL SCOTT, Ph. D., *Educational Psychology*; HERVEY WOODBURN SHIMER, Ph. D., *Geology*; DELOSS SMITH, *Music*; ALEXANDER GUY HOLBORN SPIERS, *Romance Languages*; W. H. S. STEVENS, Ph.D., *Commerce*; EDWARD S. THURSTON, LL.B., *Law*; EUGENE ELLIS VANN, A.B., *Romance Languages*; GEORGE H. VAN TUYL, *Commercial Arithmetic*; CHARLES DIGBY WARDLAW, A.B., *Physical Education*; MARGARET FLOY WASHBURN, Ph.D., *Psychology*; LETITIA E. WEER, *Household Administration*; BLANCHE C. WILLIAMS, Ph.D., *English*; ROLAND HUGH WILLIAMS, A.M., *Elementary Education*; A. E. WILSON, Ph.D., *Secondary Education*; WARREN H. WILSON, Ph.D., *Rural Sociology*; J. W. WITHERS, Ph.D., *Sociology of Education*; THEODORA ETHEL WYE, B.S., *Classical Philology*; BERT EDWARD YOUNG, Ph.D., *Romance Languages*.

### EXTENSION TEACHING

Officers of Instruction holding appointments only in Extension Teaching.  
— G. M. ALLEN, *Architecture*; E. R. ALTENBERG, *Botany*; J. S. ANDREWS, *Chemistry*; I. S. ANDREYEVSKY, *Russian*; P. DE BACOURT, *French*; J. C.

BAKER, *Chemistry*; F. P. BALTZ, *Bookkeeping*; D. R. BELCHER, *Mathematics*; M. L. BERGERON, *French*; F. R. BEYGRAU, *Stenography*; J. MALCOLM BIRD, *Mathematics*; L. E. BISCH, *Psychology*; A. H. BLANCHARD, *Highway Engineering*; O. C. BOWES, *Agriculture*; D. E. BOYCE, *Accounting*; D. BREWSTER, *English*; E. A. BRYANT, *Typography*; F. J. BURGDORFF, *Agriculture*; A. M. BUSWELL, *Chemistry*; T. W. BYRNES, *Accounting*; D. L. CLARK, *English*; R. F. CLARK, *Structural Mechanics*; P. H. CLEMENTS, *International Law*; W. F. COOLEY, *Philosophy*; A. J. CROSS, *Practical Optics*; R. D. CURRIER, *Law*; W. E. CURT, *Mathematics*; M. J. DAVIES, *Assistant to the Director, in charge of the Institute of Arts and Sciences*; E. H. DAVIS, *Elocution*; D. B. DUNCAN, *English*; T. H. EATON, *Agriculture*; C. H. EDWARDS, *Real Estate*; J. B. EYSTER, *German*; H. L. FISHER, *Chemistry*; V. O. FREEBURG, *Photoplay writing*; C. R. GASTON, *English*; V. GONZALES, J. M. GRAY, *German*; J. R. GREGG, *Stenography*; F. H. GRIFFIN, *Chemistry*; E. V. HAHN, *Chemistry*; W. HALLER, *English*; E. M. HALLIDAY, *English*; C. HAMILTON, *English*; T. F. HAMLIN, *Architecture*; W. E. HARNED, *Stenography*; LAURA HATCH, *Geography*; E. F. HAUCH, *German*; P. M. HAYDEN, *Spanish*; H. G. HEALEY, *Stenography*; H. F. HERRMANN, *Medical German*; A. M. HERTSHENIGER, *Education*; K. M. HERSTEIN, *Chemistry*; F. C. HICKS, *Library Economy*; P. K. HITT, *Arabic*; R. N. HODGE, *Biblical Literature*; B. HOOKER, *English*; G. R. HUBBART, *Advertising and Salesmanship*; G. G. HUEBNER, *Transportation*; S. S. HUEBNER, *Economics*; C. C. HUGHES, *Bookkeeping*; H. H. HUGHES, *English*; C. H. HUNT, *Chemistry*; W. E. INGERSOLL, *Stenography*; F. R. KELLER, *Engineering*; H. R. KELLER, *Library Economy*; ETHEL KELLY, *English*; R. B. KESTER, *Accounting*; S. B. KOOPMAN, *Accounting*; W. J. KREFELD, *Civil Engineering*; G. KRIEHN, *Fine Arts*; E. H. LESLIE, *Chemistry*; L. LEVINE, *Sociology*; H. LOGAN, *Stenography*; S. V. LONG, *English*; F. LOWNHAUPT, *Investments*; H. LYON, *Economics*; H. L. MCBAIN, *Politics*; A. W. MACMAHON, *Politics*; E. B. MANNING, *Music*; H. E. MANTZ, *French*; J. K. MARCUS, *Chemistry*; E. MARGOLIS, *Semitic Languages*; K. P. MONROE, *Chemistry*; R. H. MONTGOMERY, *Accounting*; P. DE MONTHEULE, *French*; P. T. MOON, *History*; R. J. MOORE, *Chemistry*; H. F. MUNRO, *International Law*; C. T. MURCHISON, *Finance*; J. L. NICHOLSON, *Accounting*; F. S. NOWLAN, *Mathematics*; Z. T. NYI, *Chinese*; T. E. OREGON, *Economics*; M. A. O'BYRNE, *Irish*; H. C. OLINGER, *French*; R. B. OWEN, *Philosophy*; C. PACKARD, *Zoology*; C. M. PANG, *English*; S. W. PATTERSON, *English*; J. PATTON, *Secretarial correspondence*; D. C. POND, *Architecture*; C. A. REEDS, *Geology*; G. A. REICHLING, *German*; K. REILEY, *Latin and Greek*; L. R. ROBINSON, *Economics*; E. H. ROESSLER, *German*; F. A. ROSS, *Sociology*; G. P. RUSSELL, *Chemistry*; J. L. RUSSO, *Italian*; T. S. SCHAPIRO, *History*; F. C. SCHROEDER, *Structural Mechanics*; P. SCHULZ, *Architecture*; O. C. SHEPARD, *Stenography*; R. E. SHERLOCK, *Architecture*; M. W. SMITH, *History*; J. P. C. SOUTHAL, *Practical Optics*; H. J. SWANN, *French*; J. J. TANZOLA, *Mathematics*; A. TAPIA, *French*; S. M. TUCKER, *English*; C. ULVEY, *Physics*; J. A. VAETH, *Spanish*; G. H. VAN TUYL, *Commercial Arithmetic*; F. VEXLER, *Rumanian*; I. S. WALKER, *Sanitary Engineering*; J. F. WALKER, *Agriculture*; S. E. WALLACE, *Library Training*; H. V. WALSH, *Architecture*; M. F. WEINRICH, *Physics*; L. R. WELZMILLER, *Practical Optics*; O. H. WERNER, *German*; E. S. WHITIN, *Social Science*; B. C. WILLIAMS, *Short Story*; M. F. WILSON, *Library Economy*; L. E. WINFREY, *German*; S. L. WOLFF, *English*; F. A. WOLL, *Practical Optics*; H. G. WOODWARD, *Mathematics*; I. WORMSER, *Law*; E. F. H. WRIGHT, *Library Economy*; B. E. YOUNG, *Zoology*; D. B. YOUNG, *Zoology*.

# Columbia University in the City of New York

## GENERAL STATEMENT

**Historical.**—On October 31, 1754, Letters Patent were issued incorporating THE GOVERNORS OF THE COLLEGE OF THE PROVINCE OF NEW YORK IN THE CITY OF NEW YORK IN AMERICA and providing for the establishment of a College to be known as King's College "for the Instruction and Education of Youth in the Learned Languages and in the Liberal Arts and Sciences." The conclusion of the announcement issued in the same year reads: "A serious, virtuous, and industrious Course of Life being first provided for, it is further the Design of this College, to instruct and perfect the Youth in the Learned Languages, and in the Arts of Reasoning exactly, of Writing correctly, and Speaking eloquently; and in the Arts of Numbering and Measuring, of Surveying and Navigation, of Geography and History, of Husbandry, Commerce, and Government; and in the Knowledge of all Nature in the Heavens above us, and in the Air, Water, and Earth around us, and the various Kinds of Meteors, Stones, Mines, and Minerals, Plants and Animals, and of every Thing useful for the Comfort, the Convenience, and Elegance of Life, in the chief Manufactures relating to any of these things: And finally, to lead them from the Study of Nature, to the Knowledge of themselves, and of the God of Nature, and their Duty to Him, themselves, and one another; and every Thing that can contribute to their true Happiness, both here and hereafter." The educational work of the College was at once begun under the presidency of Dr. Samuel Johnson with a class of eight students and the first Commencement was held on June 21, 1758. The first college building, erected on a portion of the "King's Farm," at what is now the corner of Park Place and Church Street was completed in 1760. The Revolutionary War, during which this building was taken for military purposes, compelled a suspension of activities. King's College numbers among its students and graduates Alexander Hamilton, John Jay, Robert R. Livingston, Gouverneur Morris and John Stevens.

In 1784, the Legislature of the State of New York passed an act incorporating the "REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK," vesting the property of King's College in the Regents, and changing the name of the College to Columbia College. In 1787, this act was repealed, and an act was passed confirming the Royal Charter of 1754 and vesting the property and franchises of King's College in "The Trustees of Columbia College in the City of New York."

In 1810, the charter was again amended in certain particulars at the request of the Trustees, and re-enacted, but the corporate title remained the same until 1912 when by order of the Supreme Court of the State of New York it was changed to "The Trustees of Columbia University in the City of New York." In 1897 the University removed from 49th Street and Madison Avenue, where it had been situated since 1857, to its present location on Morningside Heights.<sup>1</sup>

<sup>1</sup> The attention of those interested in the historical development of the University is called to *The History of Columbia University, 1754-1904* (pp. xiii + 493). \$1.50. Columbia University Press, Lemcke and Buechner, New York, agents.

**Buildings and Grounds.**—The general plan of the buildings of the Corporation on Morningside Heights comprises two groups, one of which occupies the site on the northerly side of 116th Street, extending to 120th Street, and the other, the site on the southerly side of 116th Street, extending to 114th Street, bounded on the east by Amsterdam Avenue and on the west by Broadway.<sup>1</sup>

The UNIVERSITY LIBRARY, erected 1895–97, the gift of Seth Low, LL.D., of the Class of 1870 and President of the University from 1889 to 1901, is the central feature of the buildings comprising the northerly group which together form a large quadrangle. This group includes on the east: EAST HALL, which contains several of the administrative offices of the University; KENT HALL (205 ft. x 53 ft.) erected in 1910 from funds largely provided by Charles Bathgate Beck of the Class of 1877, College, and 1879, Law, occupied by the School of Law and the Faculty of Political Science; PHILOSOPHY HALL (145 ft. x 57 ft.) erected in 1910, the gift of an anonymous donor, occupied by the Faculty of Philosophy; ST. PAUL'S CHAPEL (140 ft. x 32 ft. x 112 ft., with 1050 sittings), erected 1904, the gift of Olivia E. P. Stokes and Caroline Phelps Stokes as a memorial to their parents; AVERY LIBRARY (150 ft. x 50 ft.), erected 1911, the gift of Samuel P. Avery, containing the Avery Architectural Library and the School of Architecture; and FAYERWEATHER HALL (150 ft. x 57 ft.), erected in 1896 from the bequest of Daniel B. Fayerweather, occupied by the departments of physics and astronomy. On the north, the group further includes: SCHERMERHORN HALL (205 ft. x 80 ft.), erected 1896, the gift of William C. Schermerhorn of the Class of 1840, occupied by the departments of geology, mineralogy, botany and zoölogy; the unfinished UNIVERSITY HALL, occupying the central position on the northern boundary of the campus, which contains the offices of the Bursar, Registrar, Dean of the Graduate Schools, Director of University Admissions, and Director of Summer Session and Extension Teaching, and, next to the LIBRARY, the largest of the University buildings, containing the Gymnasium, the power plant, which provides light, heat and power to all of the buildings, and the University Commons; and HAVEMEYER HALL (205 ft. x 80 ft.), erected 1896, the gift of the family of Frederick Christian Havemeyer, occupied by the School of Chemistry. On the west, the northerly group includes: the SCHOOL OF ENGINEERING building (150 ft. x 57 ft.), erected 1896, occupied by the departments of civil, electrical, mechanical and highway engineering; EARL HALL (99½ ft. x 58 ft.), erected 1900, the gift of William Earl Dodge, the home of the religious, philanthropic and social interests of the students; the SCHOOL OF MINES building (145 ft. x 57 ft.), erected 1904, the gift of Adolph Lewisohn, used for mining and metallurgy; and the FACULTY CLUB, a building like EAST HALL acquired by the University at the purchase of the site.

The southerly group of buildings, occupying the ground lying immediately in front of the LIBRARY popularly known as South Field, includes, on the east: HAMILTON HALL (208 ft. x 55 ft.), erected 1906, the gift of John Stewart Kennedy, the home of Columbia College; and the two residence halls, HARTLEY HALL and LIVINGSTON HALL, both erected 1904. On the west, the group includes: the SCHOOL OF JOURNALISM (208 ft. x 55 ft.), erected 1912, provided by the gift and bequest of Joseph Pulitzer; and a third residence hall, FURNALD HALL, erected 1913.

The University Library is of Indiana limestone. The other buildings, in conformity to the general design, are constructed of overburned brick and lime-

<sup>1</sup> For detailed descriptions of the buildings and grounds of the University see *An Official Guide to Columbia University*, (pp. ix + 130). \$25. Columbia University Press, Lemcke and Buechner, New York, agents.

stone, set, as is also the Library, upon a base of granite. A model of all the University buildings (20 ft. x 35 ft.), now existing and as projected and showing the buildings in detail and in their relation to each other, is on view in the basement of Kent Hall.

To the east of the northerly group of buildings, in the block bounded by Amsterdam Avenue, Morningside Drive, 116th and 117th Streets, the property of the University, are the CROCKER RESEARCH LABORATORY, the greenhouses belonging to the departments of botany and agriculture, and the RESIDENCE OF THE PRESIDENT OF THE UNIVERSITY; and on the north side of 117th Street the DEUTSCHES HAUS, the gift of Edward D. Adams, and the MAISON FRANÇAISE, the gift of A. Barton Hepburn, centers respectively of German and French interests in the University.

Barnard College is situated on Broadway, immediately west of the University site, and occupies the land extending from 116th to 120th Street. The buildings comprise MILBANK HALL (119 ft. x 65 ft.), and BRINCKERHOFF HALL (166 ft. x 55½ ft.), both erected 1896, the gifts, respectively, of Mrs. A. A. Anderson and Mrs. Van Wyck Brinckerhoff, FISKE HALL (166 ft. x 55½ ft.), erected in 1897, the gift of Mrs. Josiah M. Fiske, and BROOKS HALL (122 ft. x 43 ft.), erected 1907, the Barnard College hall of residence.

The buildings of Teachers College are on the North side of 116th Street, directly opposite the University site. They consist of the MAIN BUILDING (169 ft. x 132 ft.), erected 1894; the adjoining MILBANK BUILDING (146 ft. x 52 ft.), erected 1897; the MACY MANUAL ARTS BUILDING (146 ft. x 74 ft.), erected 1896; the HOUSEHOLD ARTS BUILDING (153 ft. x 57 ft.), erected 1909; and the THOMPSON BUILDING (110 ft. x 84 ft.), erected 1904. The HORACE MANN SCHOOL (202 ft. x 100 ft.), erected 1901, the school of observation of Teachers College, forms a constituent part of the group on the Broadway side. WHITTIER HALL (202 ft. x 100 ft.), erected 1901, adjoining Teachers College on the east, is the residence hall for women students and officers.

The Medical School of the University, the College of Physicians and Surgeons, is on Fifty-ninth Street, between Ninth and Tenth Avenues. The group of buildings comprises the SOUTH BUILDING (141 ft. x 43½ ft.), erected 1886, the MIDDLE BUILDING (56 ft. x 54½ ft.), erected 1886, both the gift of William H. Vanderbilt; the NORTH BUILDING (94 ft. x 43½ ft.), erected 1886; the INSTITUTE OF ANATOMY (88½ ft. x 45 ft.), the VANDERBILT CLINIC (99½ ft. x 60 ft.), both erected 1896 with funds provided by the gift of Cornelius, William K., Frederick W., and George W. Vanderbilt; and the SLOANE HOSPITAL FOR WOMEN (145 ft. x 98 ft.), erected 1886–1911, the gift of Mr. and Mrs. William D. Sloane.

The COLLEGE OF PHARMACY (75 ft. x 100 ft.), erected in 1894, is in West Sixty-eighth Street, between Broadway and Columbus Avenue.

The entire University occupies 50.629 acres of ground in New York City, and has, in addition, a Summer Camp of Surveying and Geodesy, covering 585 acres, in Morris, Conn.

**Organization.**—The title to all corporate property is vested in a board of twenty-four Trustees, whose term of office is for life, and who form a self-perpetuating body, exercising the power of appointment as to all officers of instruction and administration and general oversight and control of the affairs of the University. In 1909 provision was made for the nomination by the Alumni of six of the twenty-four Trustees.

THE PRESIDENT has charge of the educational administration of the University and is Chairman of the University Council and of every faculty established



by the Trustees. The Treasurer of the corporation elected by the Trustees has charge of the financial administration of the University. The other principal administrative officers are the Deans of the several faculties and the Directors of the Summer Session and Extension Teaching, and of the Schools of Architecture and of Journalism, who under the general supervision of the President have immediate charge of the educational work of the University, the Provost of the University, the Acting Librarian, the Chaplain, the Comptroller, the Secretary of the University, the Registrar, the Bursar, and the Superintendent of Buildings and Grounds.

THE UNIVERSITY COUNCIL is a representative body consisting of the President, the Deans, certain other administrative officers, and two members elected from each of the several faculties. Subject to the reserved power of control by the Trustees, it is the function of the Council (a) to control the award of the higher degrees, to secure the correlation of courses with a view to increase the efficiency and to enlarge the range of University work, to encourage original research, and to adjust all questions involving more than one faculty; (b) to make recommendations, both to the Trustees and to the several faculties, concerning the educational administration of the University, and to advise the President upon such matters as he may bring before it; (c) to appoint all Fellows and University Scholars and, within the limits of the Statutes, to make rules for their government.

THE FACULTIES of the University are composed of the members of the corps of instruction of professorial rank. It is the function of the Faculties (a) to fix the requirements of admission, the program of studies, and the conditions of graduation; (b) to establish rules for ascertaining the proficiency of students, and for the assignment of honors; and (c) to fix the times of graduation. The Faculties, in their turn, are made up of the various Departments of Instruction, which in the case of larger Departments have an organization of their own under an administrative head. For purposes of administration the Departments are further grouped together in a number of Divisions.

**Schools and Colleges.**—The Schools and Colleges composing the University are as follows:

COLUMBIA COLLEGE, the oldest part of the University and in a sense the mother of the rest, offers a program of Studies leading to the degrees of Bachelor of Arts and Bachelor of Science. Emphasis is placed upon the quality of the student's work rather than upon the time spent in residence, and this combined with the close co-ordination of the work of the Summer Session and Extension Teaching with that of the College makes it possible for a well-prepared candidate to complete the requirements for the bachelor's degree in three years. The program provides not only for those students who wish to devote their entire time to undergraduate work, but for those who desire during their collegiate residence to prepare themselves for advanced standing in some professional course of study. As a preliminary to any professional courses the University strongly recommends at least two years of collegiate work, and candidates for professional degrees who are not already college graduates are advised to take advantage of the opportunities offered through Columbia College for a combination of general and professional studies which will lead to the bachelor's degree in arts or science, in addition to a professional degree in law, medicine, mining, engineering, chemistry or architecture, in six years.

BARNARD COLLEGE, founded in 1889, is a separate corporation and has separate buildings. As an undergraduate college for women, however, it bears the same relation to the educational system of Columbia University as does

Columbia College for men. The requirements for admission and the standard of scholarship are of the same grade. The degree of Bachelor of Arts or Bachelor of Science is conferred upon its graduates by the University on the recommendation of the Faculty of Barnard College.

THE GRADUATE FACULTIES of the University, consisting of the co-ordinated non-professional faculties of Political Science, of Philosophy, and of Pure Science, offer advanced courses of study and investigation leading to appropriate degrees in law, medicine, philosophy, education, philology and letters, history, economics and social science, public law, mathematics and natural science, mines, engineering, chemistry, and pharmacy. Women students are admitted to all graduate courses except in law, medicine, mines, engineering and chemistry. Advanced courses and opportunities for original research leading primarily to the degrees of Master of Arts and Doctor of Philosophy are offered by:

THE FACULTY OF POLITICAL SCIENCE, established in 1880, in history, political philosophy, economics, social science, public law and comparative jurisprudence.

THE FACULTY OF PHILOSOPHY, established in 1890, in philosophy, education, psychology, anthropology, classical philology, English, comparative literature, the Germanic, the Romance, and the Oriental languages.

THE FACULTY OF PURE SCIENCE, established in 1892, in mathematics, astronomy, physics (mathematical and experimental), chemistry, mineralogy, geology, zoology, botany, psychology, physiology, anatomy, bacteriology, embryology, biological chemistry, pathology, and engineering.

THE SCHOOL OF LAW, established in 1853, offers a course of three years in the principles and practice of private and public law, leading to the degree of Bachelor of Laws.

THE COLLEGE OF PHYSICIANS AND SURGEONS, founded in 1807, offers a course of four years in the principles and practice of medicine and surgery, leading to the degree of Doctor of Medicine.

THE SCHOOL OF MINES, founded in 1863, offers a three years' course of special professional study in mining and metallurgical engineering, leading to the degrees of Engineer of Mines and Metallurgical Engineer.

THE SCHOOL OF ENGINEERING, set off from the School of Mines in 1896, offers a three years' course of special professional study in civil engineering, sanitary engineering, electrical engineering, and mechanical engineering, leading to the degrees of Civil Engineer, Electrical Engineer, and Mechanical Engineer.

THE SCHOOL OF CHEMISTRY, also set off from the School of Mines in 1896, offers a three years' course of special professional study, leading to the degrees of Chemist and Chemical Engineer.

THE SCHOOL OF ARCHITECTURE, founded as a department in 1896 and as a separate School in 1914, offers courses of study leading to the degree of Bachelor of Architecture.

THE SCHOOL OF JOURNALISM, founded in 1912 through the gift of the late Joseph Pulitzer, offers a four-year course in letters, science, and practical Journalism leading to the degree of Bachelor of Literature.

TEACHERS COLLEGE, founded in 1888 and chartered in 1889, was included in the University in 1898. It is a separate corporation, but takes academic rank in the University system as a professional school for teachers. It offers through the Faculty of Education the following courses of study: (a) graduate courses leading to the doctor's or master's diploma; and simultaneously to the doctor's and master's degrees; (b) professional courses, each of two years,

based upon two years of collegiate study, leading to the bachelor's diploma for teachers and supervisors in kindergartens or elementary schools, or for specialists in fine arts, household arts, industrial arts, music, nurse's education and physical education, and to the degree of Bachelor of Science; and through the Faculty of Practical Arts a four years' program of study, based on a secondary school education, uniting liberal with technical training and leading also to the degree of Bachelor of Science.

THE COLLEGE OF PHARMACY is, similarly, a separate corporation. It offers University courses leading to the degrees of Pharmaceutical Chemist, Bachelor of Science in Pharmacy, and Doctor of Pharmacy.

The University maintains a SUMMER SESSION, of six weeks' duration, in which are offered courses that are accepted in partial fulfilment of the requirements of certain academic degrees and diplomas.

Through its system of EXTENSION TEACHING, the University offers to men and women, especially to those engaged in teaching, who can give only a portion of their time to study, an opportunity to pursue subjects included in a liberal education and to take courses, if they so desire, toward a diploma or an academic degree.

**Departments and Divisions.**—The several departments of study maintained by the University, including the College of Physicians and Surgeons, Barnard College, Teachers College, the College of Pharmacy, grouped in Divisions, are as follows:

ANCIENT AND ORIENTAL LANGUAGES AND LITERATURES: Classical Philology, Chinese, Indo-Iranian Languages, Semitic Languages.

ARCHITECTURE.

BIOLOGY: Anatomy, Bacteriology, Botany, Physiology, Pathology, Biological Chemistry, Zoölogy.

CHEMISTRY AND CHEMICAL ENGINEERING.

EDUCATION (TEACHERS COLLEGE: Education, Practical Arts).

ENGINEERING: Civil Engineering, Electrical Engineering, Highway Engineering, Mechanical Engineering, Engineering Drafting.

GEOLOGY, GEOGRAPHY, AND MINERALOGY: Geology, Geography, Mineralogy.

HISTORY, ECONOMICS, AND PUBLIC LAW (FACULTY OF POLITICAL SCIENCE): Economics, Social Economy, Sociology and Statistics, History, Politics, Public Law, Comparative Jurisprudence.

JOURNALISM.

MATHEMATICAL AND PHYSICAL SCIENCES: Astronomy, Mathematics, Physics.

MEDICINE (COLLEGE OF PHYSICIANS AND SURGEONS).

METALLURGY AND MINING: Metallurgy, Mining.

MODERN LANGUAGES AND LITERATURES: English and Comparative Literature, Celtic, Germanic Languages, Romance Languages, Slavonic.

MUSIC.

PHARMACY (COLLEGE OF PHARMACY).

PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY: Anthropology, Philosophy, Psychology.

PHYSICAL EDUCATION.

PRIVATE LAW (FACULTY OF LAW).

**Announcements.**—The Announcements of each College or School, of the Summer Session, of Extension Teaching, and of the several Divisions, may be obtained without charge from the Secretary of the University. (See p. 313).

## GENERAL REGULATIONS

**Status of Students.** — A student may enter Columbia University as either:

1. A matriculated student accepted by the University as having fulfilled the preliminary qualifications for candidacy for a degree, certificate of proficiency, or diploma. A period of regular attendance upon all stated academic exercises<sup>1</sup> amounting to at least one academic year must be completed by each candidate; or

2. A non-matriculated student, permitted to attend such courses as he may be qualified to take but not regarded as a candidate for a degree, certificate of proficiency or diploma. Non-matriculated students may, however, receive a formal statement as to the satisfactory completion of any course or courses.

In the announcement of each faculty will be found the conditions governing admissions to courses under that faculty.

Under the Statutes every student is admitted subject to the disciplinary powers of the University authorities. The President is empowered to administer discipline and to authorize the Deans of the several faculties to do so on his behalf.

### Registration

Before attending any University exercises each student must register, *i. e.*, must present himself in person to furnish the information necessary for the University records and to file a statement of the courses he is authorized to pursue. The central office of the Registrar, University Hall and the offices at the College of Physicians and Surgeons, 437 West 59th Street, at the College of Pharmacy, 115 West 68th Street, and at Barnard College and Teachers College, were open for registration on February 1 and 2, 1915, September 22 to September 28, 1915, and on February 7 and 8, 1916. New students may also register on the day following each of these periods. Those unable to complete their registration may file a provisional statement within the statutory period. Students registering late are charged an additional fee of \$5 and are held accountable for absences thus incurred. Registration cannot be completed until the fees for the half-year have been paid.

Students holding fellowships or scholarships are required to register not later than the date specified in the Academic Calendar; failure to do so may be considered as vacating the fellowship or scholarship.

The requirements for graduation may be completed at any time during the year, but diplomas are issued only at commencement and at the beginning of each half-year.

**Withdrawal.** — An honorable discharge is granted to any adult student in good standing who may desire to withdraw from the University; a minor must submit the written assent of his parent or guardian. Students withdrawing from the University are required to notify the Registrar. No application for a return of fees can be considered unless written notice be given at the time of withdrawal. The Dean of any faculty may, for reasons of weight, grant a leave of absence to a student in good standing.

<sup>1</sup> Students prevented by conscientious scruples from complying with academic requirements which may be fulfilled only upon days set apart by their church for religious observance, should make application to the appropriate University authority for equitable relief.

## Fees

All fees are payable semi-annually in advance, and no reduction is made for late registration. Under the regulations, the privileges of the University are withheld from any student delinquent in the payment of his fees.

The fees to be paid by students are subject to change at any time in the discretion of the Trustees.

All students who were matriculated as candidates for a degree prior to July 1, 1915, will pay for tuition for courses taken to fulfill the requirements for that degree at the rate effective during the academic year 1914-1915.

The following fees are prescribed by statute:

## Summary of Fees

- |  |        |
|--|--------|
| (a) University Fee:  |        |
| For all students for each half-year or any part thereof .....  | \$5.00 |
| For candidates for admission who take the entrance examinations of Columbia University, for two consecutive series of entrance examinations, to be applied in lieu of the University Fee for the first year of residence .....   | 10.00  |
| (b) Tuition Fee:   |        |
| For all students per point, except in cases where a special fee is fixed for a particular course .....   | 6.00   |
| (c) For a Degree or a Certificate, or for an examination therefor:   |        |
| For the Bachelor's Degree, not professional or technical (A.B., B.S.) .....  | 15.00  |
| For any professional or technical degree or certificate, including the Degree of B.Lit. in the School of Journalism .....  | 25.00  |
| For the Foreign Service Certificate .....  | 10.00  |
| For the Degree of Master of Arts .....   | 25.00  |
| For the Degree of Doctor of Philosophy .....   | 35.00  |
| (d) Privileges:  |        |
| 1. Late registration or application .....  | 5.00   |
| 2. Deficiency and special examinations .....   | 5.00   |
| With a maximum fee for examinations in a single series of .....  | 25.00  |
| The conditions under which such privileges shall be granted are to be determined by the Registrar with the approval of the President.  |        |
| (See <i>Administrative Procedure</i> following).   |        |
| (e) Rebates:   |        |
| 1. The University Fee and the Degree Fee are not subject to rebate.  |        |
| 2. After the last day of the period provided for change of course, as announced in the University Calendar, no tuition fees will be returned for any course which the student may for any reason discontinue. Exception to this rule may be made only in cases of total withdrawal from the University, when a pro rata return of fees may be authorized by the Registrar. |        |

## Administrative Procedure

Late registration: For the ultimate date for the completion of registration without the payment of the additional fee, see the Academic Calendar.

**Late application:** For the ultimate date for filing an application for admission, a deficiency or a special examination, or for a degree, without the payment of the additional fee, see the Academic Calendar.

**Deficiency and special examinations:** An examination to remove a deficiency in course or in entrance requirements, or an examination at an unusual time, involves the payment of the additional fee.

When a rebate is allowed for the discontinuance of courses or withdrawal from the University, such rebate will be reckoned from the day upon which the Registrar receives notice from the student.

Courses designated as half, full, or double courses have the following value in terms of points: half course, 2 points; full course, 4 points; double course, 8 points.

Candidates for the degree of Master of Arts are charged no fee for the essay or its equivalent.

Attendance distributed over a period of not less than one academic year, upon at least the equivalent of eight full courses of graduate rank, constitutes one year of residence for the higher degrees. In determining residence, the essay of candidates for the degree of Master of Arts and the dissertation of candidates for the degree of Doctor of Philosophy will be considered as having the value of one full course.

**Summer Courses in Surveying, Mining and Geodesy.** — Students taking courses in Surveying and Geodesy in the Summer Session at Camp Columbia are required to pay a university fee of \$5 and tuition fees for each course. The university fee is payable but once for each session and allows a student to take any course or courses given during that session for which he is otherwise eligible. The tuition fees are estimated at \$6 per point. Course 15S, 25S and 27S each count as 3 points each or 1 point per survey, course C.E. 26S, 28S, 71S as 2 points each, and courses C.E. 26aS and Ast. 107S as 3 points.

Students who have already taken some of the prescribed work at Camp have the option of paying the fees on the above basis, which will be used for the first time in 1915, or as required during 1914. For latter schedule see Announcement for 1914.

Candidates for admission to advanced standing who attend the Summer Course in Practical Mining are required to pay therefore a fee of \$50.

### Deposits

**Summer Courses in Surveying.** — Every student before starting for Camp, and at the same time the fees for the summer session in surveying are paid, shall make a deposit at the Bursar's office at Columbia University to meet Camp expenses, viz., board, laundry, charges for drawing material, notebooks, etc.; also to cover any damage to, breakage, or loss of instruments or Camp equipment, and transportation of self and baggage from the station to and from the Camp. The Bursar's receipt for said deposit shall be presented to the professor in charge of the summer session upon the arrival of the student in Camp.

The amount of the deposit varies with the course or the number of courses taken and is as specified below. Students intending to take two or more courses shall deposit an amount equal to the sum total of the deposits herein specified for the respective courses. A check for the balance of the deposit which shall remain to the credit of the student after his withdrawal from the session will be given to him payable upon application to the Bursar of Columbia University. In case the total charges exceed the deposit the student will be subject to an additional assessment.

The deposit for C.E. 15S shall be \$50; for C.E. 25S, \$50; for C.E. 26S and 26aS, \$25; for C.E. 27S, \$50; for C.E. 28S, \$30; for C.E. 71S, \$35; and for Geodesy 107, \$30.

The deposit for any one *survey* of Course 15, 25, or 27 shall be \$15.

**Apparatus, Supplies and Keys to Desks and Lockers.** — A deposit for the use of lockers, keys, apparatus, material, and the like, is required of students in Mines, Engineering and Chemistry. At the end of the academic year each student will be credited with those articles which he returns in good order, and the value of those he has injured or broken will be deducted from his deposit. Details may be obtained from the Bursar.

**Residence Halls and University Commons** (see page 57)

### Employment for Students

The University endeavors through the secretary of Appointments to give to students who need it the opportunity to earn enough for partial support and to extend assistance in other ways. During the current year the student earnings reported amounted to \$103,016.74.

Preference is naturally given, in case of a choice of applicants, to those who, as strangers in New York, are not likely to hear of positions through other channels. No prospective student should come to Columbia expecting to depend entirely or even largely upon the assistance of the University, and every student should be prepared to meet at least the expenses of the first half-year — say \$300.<sup>1</sup>

The chiefs of clinic in the Medical School give advice without charge to students on the employment lists.

Paul C. Holter, A.B., is Secretary of Appointments and all communications should be sent to him.

### Appointment Work

The appointment work of Columbia University is divided between two branches; one having headquarters at Columbia University, the other at Teachers College.

The duty of these offices is to assist competent graduates of the University to obtain suitable permanent employment.

Both offices will be glad to be informed promptly of present or prospective vacancies in positions for which college-trained men or women are eligible.

No fee is charged for any services rendered.

The office at Columbia University keeps classified lists of those who wish employment in business, in law offices, along social service or public lines, or in technical branches; also in teaching positions in colleges and universities, except those in Education. Communications relating to above should be addressed to the Secretary of Appointments, Paul C. Holter, A.B.

The Committee at Teachers College keeps classified lists of those who desire administrative, supervisory, and teaching positions in normal, secondary, and elementary schools, kindergartens and hospitals, and for college and university positions in the teaching of Education; that is to say, for any position specific preparation for which is made in Teachers College. Communications should be addressed to the Chairman of the Committee, Professor William H. Kilpatrick, or its Recorder, Miss Isabelle L. Pratt.

<sup>1</sup> For Medicine and Mines, Engineering and Chemistry, add \$100, and for Architecture add \$50. Students in Mines, Engineering, and Chemistry should also make provision for deposits for apparatus ranging from \$10 to \$40 and for Summer Courses.

**Fellowships, Scholarships, and Prizes**

(See page 280)

**Relations Between the University and other Institutions**

The educational opportunities of students in Columbia University (including Barnard College, Teachers College and the New York College of Pharmacy) are increased by the close relations of the University with other institutions of instruction and research.

**Roosevelt and Kaiser Wilhelm Professorships.** — The Theodore Roosevelt Professorship of American History and Institutions in the University of Berlin has been endowed by the gift of \$50,000 to the Trustees of Columbia University. Appointments are made annually, with the sanction of the German Emperor, by the Prussian Ministry of Education upon the nomination of Columbia University, but are not confined to members of this University. In successive years the fields of American history, American constitutional and administrative law, American economic and sociological problems and movements, American education, and American contributions to science, technology, the arts and literature, will be dealt with. The instruction will be given in German in the University of Berlin during each winter semester, and may be repeated in whole or in part elsewhere during the ensuing semester.

The Prussian Ministry of Education has established in Columbia University a corresponding chair of German History and Institutions, to be filled each year by the Trustees of Columbia University upon the nomination of the Prussian Ministry of Education. To this chair the name of the Kaiser Wilhelm Professorship of German History and Institutions has been given, with the approval of the German Emperor.

**Visiting French Professorship.** — By agreement with the Council of the University of Paris there has been established in Columbia University a professorship to be known as the Visiting French Professorship. The appointment is made each year jointly by the Council of the University of Paris and the Trustees of the University. The visiting French professor is to be in residence at the University for three months during the first half-year and to conduct a seminar after the manner of the Conferences of the University of Paris. The French Ministry of Public Instruction sends each year in addition a lecturer to be in residence for the entire year.

**Visiting Austrian Professorship.** — By agreement with the Austrian Ministry of Education a professorial exchange has been established with the universities of Austria. The appointment is made each year of a visiting Austrian professor by the Trustees of Columbia University upon the nomination of the Austrian Ministry of Education. Correspondingly, the appointment of a visiting professor in Austria is made by the Austrian Ministry of Education upon the nomination of the Trustees of the University. The visiting Austrian professor is to be in residence at the University during the second half-year. Appointments to Austria are not confined to members of this University, and the Austrian professor may come from any Austrian university. The incumbent may represent any branch of knowledge for which there is a reasonably wide interest in the respective countries, but the choice of subjects is otherwise not restricted.



**Queen Wilhelmina Lectureship.** — With the co-operation of the Government of the Netherlands, a lectureship in the history, literature and language of the Netherlands has been established in Columbia University. To this lectureship the name of the Queen Wilhelmina Lectureship has been given, with the approval of the Queen of the Netherlands.

**Museum of Natural History.** — The American Museum of Natural History places its collections at the service of advanced students of Columbia University for the purposes of study and research, and provides them with the necessary facilities for work.

**Metropolitan Museum of Art.** — The Metropolitan Museum of Art admits students of Columbia University on presentation of cards of introduction from the University, and gives them special facilities for the study of the objects in the Museum.

**New York Botanical Garden.** — Columbia University has the privilege of conducting university courses in botany at the New York Botanical Garden and of using its laboratories and floral material, and all courses of instruction given there are open to officers and students of the University without charge. The Director is a member of the Faculty of Pure Science. For a description of the equipment of the Botanical Garden, see the statement of the Department of Botany.

**Theological Seminaries.** — The Union Theological Seminary and the General Theological Seminary, both of which are represented on the University Council, admit students of high standing in the University to certain lectures in their regular or special courses without tuition fee. Libraries of the Seminaries, for reference, are open to all qualified students of the University. Reciprocal advantages are offered by the University to students of the Seminaries who are qualified to register as candidates for the higher degrees. The General Theological Seminary offers a scholarship to graduates of Columbia College.

The University also enjoys reciprocal arrangements with the theological seminaries in the vicinity of New York: the Jewish Theological Seminary (New York), Drew Theological Seminary (Madison, N.J.), St. Joseph's Theological Seminary (Yonkers, N.Y.), the New Brunswick (N.J.) Theological Seminary, and the German Theological Seminary (Bloomfield, N.J.).

The Director of the New York School of Philanthropy is a professor in the University, and the same reciprocal advantages for students exist as in the case of the Theological Seminaries.

**Hospitals.** — Besides the Vanderbilt Clinic and the Sloane Hospital for Women, the general and special hospitals of New York afford important fields for clinical teaching. The College of Physicians and Surgeons is in close alliance with the Presbyterian Hospital and is strongly represented on the staff of many other institutions, and regular clinical instruction at hospitals is made a prominent feature of the program. In many of these hospitals the fourth-year students are admitted as clinical clerks to serve on the house staff.

**Other Institutions.** — There are close informal relations between the University and the Hispanic Society of America, the Rockefeller Institute of Medical Research, the New York Zoological Garden, the New York Aquarium, and the laboratories at Wood's Hole and Cold Spring Harbor. (For the Libraries of the City, see below.)

### The Library

The Library contains about 570,000 volumes, exclusive of unbound pamphlets and duplicates, and some 80,000 German dissertations.

Among the notable special collections may be mentioned the Columbiana, 3500 titles; the Phoenix Library, consisting of 7000 volumes, the gift of Stephen Whitney Phoenix, of the Class of 1859; the Avery Architectural Library, a collection of about 23,000 volumes relating to architecture and decorative art; the Mary Queen of Scots Library, containing 550 volumes, collected and given by General J. Watts de Peyster; the collection of over 1200 volumes by and about Goethe; the Immanuel Kant collection of nearly 1000 volumes; the valuable Townsend Library of National, State, and Individual War Records; the Garden Library, deposited by the Southern Society of New York; the valuable library of the Holland Society of New York, 600 volumes, including the remarkable collection of works of Grotius; the philological library of the late Professor Mortimer Lamson Earle, given by his students and friends, consisting of some 2500 volumes; the library of Henry Livingston Thomas, late Chief Translator of the Department of State, Washington, given by his son, Dr. William S. Thomas, some 9000 volumes; the library of the American Mathematical Society, 5,000 volumes; the musical library of Dr. James Pech, consisting of 8723 pieces; the library of the late George W. Hill, 5,000 volumes on mathematics and astronomy; and a collection in contemporary German literature at the Deutsches Haus. The Library is also the depository for the Reform Club of the City of New York.

**Reading Rooms.**—About 10,000 carefully selected reference books and many of the most important works on all subjects, in standard editions, representing the leading authors in all literatures, are placed in the general reading-room directly accessible to all authorized readers. On the same floor, in the north wing, is the periodical reading-room, where are shelved many bound volumes of periodicals, and the current numbers of government documents and periodicals.

For the convenience of undergraduates of Columbia College, there is in Hamilton Hall a College Study. Five thousand carefully selected volumes have been placed in this room as a reference library.

Connected with the stacks in which are stored the books relating especially to Philosophy, Literature, the Languages, the Sociological and Economic Sciences and History, are twenty special study rooms, open only to authorized readers, which afford to advanced students and investigators in these fields opportunity to carry on their work in quiet rooms in the immediate vicinity of the literature of the subjects under consideration. The various Science departments have special libraries in close connection with their laboratories and lecture rooms.

The Law Library, the Bryson Library of Teachers College, which is the Educational Library of the University, and the carefully selected reference libraries of Barnard College, the College of Physicians and Surgeons, the College of Pharmacy, the Deutsches Haus, and the School of Journalism, are all available to officers and students of the University. Nearly all of the more private or restricted libraries of the city, such as those of the learned societies, are open to officers and to advanced students introduced by the Librarian of the University.

In the basement of the Library, the New York Public Library maintains a branch of its circulation department. The collection contains about 4000 volumes, and 80,000 additional titles are available through the Interbranch Loan System.

By the courtesy of the trustees of Union Theological Seminary the reading room of that institution is open to students of the university.

**Catalogues.** — The general catalogue of the libraries of the University is a record of all books in the possession of the University. In addition to this there are catalogues of department libraries located in department reading-rooms, and a union catalogue which is a record, by authors only, of books not possessed by the University which may be found in the Library of Congress, John Crerar Library, Harvard University, and other libraries. The catalogue of the New York Public Library in the Library building, 42nd St. and 5th Avenue, may also be consulted, especially for references to articles in magazines not indexed in the published indexes to periodicals.

**Use.** — All officers, students, and graduates of the University have free access to the Library and may draw books for home use. For further information, consult the *Readers' Manual*.

Officers of New York University, of the College of the City of New York, of the Hunter College, of the Metropolitan Museum of Art, of the American Museum of Natural History and principals and heads of departments of the New York High Schools are granted the same Library privileges as are extended to graduates of Columbia University.

Persons of mature years desiring to engage in definite research which cannot be successfully conducted in the public or other libraries of this city will be given the privilege of using this library in the building, upon filing a satisfactory application, responsibly endorsed. Blank applications will be furnished by the Acting Librarian on request.

The Library is open each week-day (except Labor Day, Thanksgiving, Christmas, New Year's Day, Good Friday, and Independence Day) from 8.30 A.M. until 11 P.M., October-June; and until 10 P.M., July-September.

### Book Store

A University book store is maintained in the basement of the School of Journalism building under the auspices of the Columbia University Press, where officers and students may purchase books and stationery at stated discounts from list prices.

### The Gymnasium

(See page 155)

### University Commons

The University Commons, in University Hall, is operated under University supervision for the benefit of officers and students. The service is *a la carte*, or regular board may be secured for \$6 a week.

### Residence Halls

**For Men.** — There are three University residence halls on South Field, with accommodations for, approximately, 820 men; Hartley Hall, the gift of Mrs. Helen Hartley Jenkins and Marcellus Hartley Dodge, '03, in memory of the late Marcellus Hartley; Livingston Hall, named in memory of Robert R. Livingston, of the Class of 1765; and Furnald Hall, provided for

in the will of the late Francis P. Furnald in memory of his son, Royal Blackler Furnald, a member of the Class of 1901. Each building is 10 stories in height exclusive of basement, and 137 feet long by 64 feet wide. They are lighted by electricity and heated by steam, and have telephone and electric elevator service.

The Halls are built of stone and over-burned brick. The floors and partitions are of the reinforced concrete type, and the construction is considered thoroughly fire-resistant throughout.

Hartley and Livingston each contain 300 rooms, the average size of the bedrooms being 8'-4" x 14'-6" and of the studies 10'-6" x 14'. Furnald contains 294 rooms, the average size of bedrooms being 9'-0" x 14'-9" and of the studies 11'-6" x 13'-6". All the rooms have outside light and exposure, and the arrangement permits of flexibility in renting rooms in suites. There are also several double rooms. All ceilings are nine feet high. Each bedroom has a clothes closet and enameled basin with hot and cold running water. The rooms are provided with heavy oak furniture of mission type. There are four shower baths on each floor. All the water used in the Halls is filtered. The entrance for students to each Hall is from the campus, and leads directly into a large assembly room 60 feet square. This room runs up through two stories and has a large open fireplace opposite the entrance. It is furnished in heavy leather-covered oak. At one side of the main entrance is the office of the Hall, and on the other a reception room. In the basement is space for trunk storage. There are well equipped infirmaries in each one of the residence halls. Rentals range from \$105 for single rooms to \$400 for three-room suites for the academic year of 38 weeks.

The Residence Halls are supervised and controlled by a Council Composed of the Comptroller, three University officers, and a representative from each hall. The Council is assisted by three committees made up of residents in the Halls.

While the Halls are open to all male students of the University, students in Columbia College, in accordance with the desire of the donors, are given the preference in the assignment of rooms in Hartley Hall. A pamphlet containing floor-plans, charges, and the Hall Regulations may be had upon application to the Secretary of the University. Rooms will be assigned in the order of receipt of written applications to be made on a blank provided by the Superintendent of Buildings and Grounds.

**For Women.** — Brooks Hall, the residence hall for Barnard College students, on the north side of 116th Street, accommodates 90 students. Full information in regard to the situation and cost of rooms, the advance deposit, the charge for electric light, and the residence scholarship is published in a separate pamphlet, to be had on application to the Secretary of Barnard College, or to the Mistress of Brooks Hall, Barnard College, New York City.

Whittier Hall, the dormitory of Teachers College, is situated on Amsterdam Avenue, between 120th and 121st Streets, and has accommodations for 350 women. Inquiries regarding rooms, board and the like, should be addressed to the House Director of Whittier Hall, 1230 Amsterdam Avenue.

**Other Accommodations.** — Besides these dormitories, there are many good boarding-houses and apartments near the University. The careful selection, inspection, and registration of such lodgings have been undertaken, and a card-catalogue is kept at Earl Hall. Many of the Greek-letter fraternities, a list of which will be found on page 60, maintain chapter houses near the University.

### Public Worship and Religious Work

Service in St. Paul's Chapel, at which attendance is voluntary, is held every week-day during the academic year, except Saturday and Wednesday, at noon, the period from 12 to 12.30 being set aside by the University Council for religious exercises. On Wednesday there is a vesper service at 5.10. Service on Sunday is at 4 o'clock. Organ recitals are also frequently given.

Barnard College, twice a week, and Teachers College, daily, hold separate services in their respective chapels.

### Earl Hall

Earl Hall, the home of the religious, philanthropic, and social organizations and interests of the University, is open from 8.30 A.M. to 10 P.M. daily to all students without expense, under the direct management of the Secretary of Earl Hall, who is also Secretary of the University Young Men's Christian Association.

The building may not be used for distinctly dogmatic or denominational religious teaching, but all organizations, the objects of which are to promote the religious and philanthropic life of their student members and of the student body at large, have the privilege of using it for their meetings. While the social purposes of the Hall are necessarily subordinated to the other uses of the building, the Secretary desires to promote the same type of informal personal and social intercourse that prevails in a good club. Provision for the regular meetings of student organizations is made on a day-and-hour schedule, without exclusive use of any of the rooms, in the following order: societies the purpose of which is (1) primarily religious; (2) primarily philanthropic; (3) primarily literary; and (4) miscellaneous student organizations.

The Secretary of the Young Men's Christian Association, the Chaplain of the University, the University Medical Officer, the Graduate Manager of the Athletic Association, and the Graduate Treasurer of King's Crown have offices in this building. During certain hours of the day the managers and other students representatives of organizations, such as the Board of Student Representatives, the Columbian and the Musical Clubs, may be found here.

### Medical Attendance

The University Medical Officer, Dr. McCastline, has direct supervision of all matters affecting the health of the student body. All cases of communicable disease occurring in homes of students must be promptly reported to him. As University physician Dr. McCastline holds office hours daily in Earl Hall for consultation with the students.

For those who are without local family physicians there is a Medical Visitor (Dr. D. S. D. Jessup, 601 W. 113th St.) whose duties are to render medical assistance to such officers and students as may desire it, either at their homes or elsewhere, at a remuneration to be arranged between himself and individual patients.

In Livingston and Fernald are well equipped infirmaries.

### Student Organizations

The various student organizations, while self-governing, are subject to the following regulations: The schedules of public contests and performances must be approved by a University Committee (see page 8); budgets for expenditure are approved and checked by the Comptroller; the University Committee on Athletics, consisting of three graduates, two students, and two University officers, adopt and administer rules of eligibility not involving questions of scholarship and govern participation in intercollegiate athletics. Provision is made for the election each year by the student body at large of a Board of Student Representatives. The constitution of this board will be found in the pamphlet on Student Organizations, which may be obtained from the Secretary of the University. The members for the current year are: R. W. Watt, '16, Chairman; R. D. Franklin, '16; C. S. Bartow, '16; H. S. Hutton, '16 S; O. B. Myers, '16 S; G. F. Oberrender, '16; E. H. Shea, '16; F. M. Simonds, '16; J. H. Purdy, Jr., '16 L.

The Columbia University Athletic Association was organized in 1909 for the purpose of formulating and maintaining a general athletic policy at Columbia. The annual dues are \$10.00, entitling members to free admission at all home games and also to the use of the Gould Boat House.

King's Crown is an organization aiming to do for non-athletic activities what the athletic association does for athletics. The annual dues are two dollars, entitling members, among other privileges, to discount from the prices of subscriptions to publications and admission to non-athletic performances.

The following Greek-letter fraternities, given in the order of their establishment, maintain chapters at Columbia University.

Alpha Delta Phi; Psi Upsilon; Delta Phi; Delta Psi; Phi Kappa Sigma; Phi Gamma Delta; Phi Kappa Psi; Delta Kappa Epsilon; Zeta Psi; Beta Theta Pi; Delta Tau Delta; Theta Delta Chi; Phi Delta Theta; Delta Upsilon; Sigma Nu; Sigma Chi; Sigma Alpha Epsilon; Phi Sigma Kappa; Theta Xi; Alpha Chi Rho; Alpha Sigma Phi; Zeta Beta Tau; Pi Lambda Phi; Phi Sigma Delta.







# DIVISIONAL AND DEPARTMENTAL STATEMENTS

## INTRODUCTORY

The courses of instruction are numbered in accordance with a plan uniform throughout the University, and attention is called to the following information which the number assigned to a course will in each case indicate.

Odd numbers indicate the first, even numbers the second half of the academic year. Courses designated **1-21, 2-22**, etc., run through two half-years beginning the first-half; those designated **4-5, 24-25**, etc., begin the second half-year; courses designated **1-4, 5-8**, etc., run through two complete academic years. Courses numbered between **1** and **100** are, in general, elementary and may not be offered in fulfilment of the requirements for the higher degrees (A.M. and Ph.D.). Courses numbered from **101-200** are primarily for students who hold a first degree but are open to undergraduates who have completed 64 points (for courses in law 94 points), including all prescribed work. In general, no such course may be taken without some elementary training in the same or in some allied subject. Courses from **201-300** are restricted to such graduate students who are qualified to pursue the work to advantage. Seminars are numbered from **301** up. Attention is called to the current *Announcement of the Faculties of Political Science, Philosophy, and Pure Science* and particularly to the fact that the requirements for the higher degrees are based upon subjects and not upon courses. Students should consult the officers of instruction and administration concerned with regard to their selection of courses before registration.

Courses enclosed in brackets are not offered during the current year. Any course not applied for by at least three candidates for a degree may be withdrawn by the instructor.

Credit for courses is given in terms of double, full, or half course if the course is to count toward the degrees of Ph.D., or A.M., and in terms of points for all other degrees. Courses designated as half, full, or double course have the following value in terms of points: half course, 2 points; full course, 4 points; double course, 8 points. Hours indicated are for the half-year.

Any subject of study not appearing in its alphabetical order may be found through the index.

With the exception of the courses in mines, engineering, chemistry, medicine, and law, all courses numbered over **101** are open to women upon the same terms as to men unless specific statement is made to the contrary.

Unless otherwise stated, the number of hours given indicates the hours of class-room work (lectures, conferences, and recitations) per week. When a course involves both class-room work and laboratory or drafting-room work, the former will be indicated by *C* and the latter by *L* and *D*, respectively. In courses in medicine, *D* indicates demonstrations. An "afternoon" implies three hours a day, normally from 1:00 to 4:00.

Students should note the distinction between a department and a school. For instance, there is in the University both a Department of Architecture and a School of Architecture; Departments of Civil, Electrical, and Mechanical Engineering and a School of Engineering. The Departmental Statements which follow have to do only with the giving of the instruction and the oppor-

tunities for research in each special branch of study. The information as to the conditions of admission to the courses, and the academic credit to be received therefor, will be found under the information relating to Colleges and Schools, pages 183, *et seq.*, and in the separately printed *Announcements*.

For the courses to be offered in fulfilment of the requirements for the degrees of Bachelor of Arts or Bachelor of Science, see page 183; Bachelor of Laws, see page 187; Bachelor of Architecture, see page 222; Bachelor of Literature, see page 227; Doctor of Medicine, see page 190; for the several degrees in mining, engineering, and chemistry, see pages 200-211.

It is not possible, within the limits of this volume, to give more than the briefest outline of the courses. In some of the *Bulletins of Information* published by the University, and distributed without charge upon application to the Secretary, a detailed statement will be found of the scope of each course, the manner of treatment, the courses prerequisite, and the like. A list of these *Bulletins of Information* will be found on page 315.

## AGRICULTURE

*See introductory paragraphs, page 61*

*Professor:* O. S. MORGAN

*Lecturer:* O. C. BOWES

1-2 — Principles of agriculture. C 2 hours, L 2 hours. 3 points. Professor O. S. MORGAN

101-2 — Advanced agronomy. C 2 hours, L 4 hours. Full course. Professor MORGAN

121-22 — Advanced animal husbandry. C 2 hours, L 4 hours. Full course. Professor MORGAN and Mr. BOWES

211-12 — Soil management. Full or double course. Professor MORGAN

213-4 — Soils. Full or double. Professor MORGAN

241-2 — Agricultural surveys. Full or double course. Professor MORGAN and Mr. BOWES

## Summer Session

s1 — Field crops. Lectures and laboratory. 3 points. Professor MORGAN

s2 — Forage and root crops. Lectures and demonstrations. 2 points. Professor MORGAN

s3 — Soil management. 3 points. Lectures and laboratory. Mr. EATON

s5 — Horticulture. Lecture and laboratory. 3 points. Mr. BURGDORFF

s7 — Animal husbandry. Lecture and laboratory. 3 points. Mr. BOWES

## Extension Teaching

e1-2 — Forage and field crops. Lectures and laboratory. 6 points. Professor MORGAN

e1a-2a — Forage and field crops. Sections I and II. Lectures and demonstrations. 4 points. With laboratory, 6 points. Professor MORGAN

e3-4 — Soils and fertilizers. Lectures and laboratory. 6 points. Mr. EATON

e5a-6a — Soils and fertilizers. Lectures and laboratory. 6 points. Mr. EATON

e5-6 — Principles of horticulture. Lectures and laboratory. 6 points. Mr. BURGDORFF

**e5a-6a** — Principles of horticulture. Evening section. 6 points. Mr. BURGENDORFF

**e7-8** — Animal husbandry. Lectures and laboratory. 6 points. Mr. BOWES

**e7a-8a** — Animal husbandry. Lectures and demonstrations. 4 points. Mr. BOWES

**e9-10** — Animal husbandry. Lectures and laboratory. 6 points. Mr. BOWES

**e11-12** — Poultry husbandry. Lectures and laboratory. 6 points. Mr. WALKER

**e11a-12a** — Poultry husbandry. Lectures and demonstrations. 4 points. Mr. WALKER

**e15** — Amateur floriculture. Lectures and laboratory. 2 points. Mr. BURGENDORFF

Attention is also called to the following related course, Education **178c**.

**Equipment.** — The work in agriculture is carried on in large part in Schermerhorn Hall. The library is at present lodged in the Botany reading room. Besides the usual laboratory equipment in field crops, soils, horticulture and animal husbandry the department has a seventy-six foot greenhouse. Special research laboratories, with separate temperature and heat control, are provided in the glasshouse laboratory. Land for experimental and demonstration plant-work is located near the glasshouse and also in the New York Botanical Garden.

## ANATOMY

*See introductory paragraphs, page 61*

*Professor:* G. S. HUNTINGTON (*Executive Officer*)

*Associate Professor:* H. von W. SCHULTE

*Assistant Professor:* B. B. GALLAUDET

*Associate:* F. TILNEY

*Instructors:* A. J. BROWN, F. W. HEAGEY, F. B. ST. JOHN, J. C. SHARP, O. S. STRONG, and J. C. VAUGHAN

*Assistants:* C. J. MACGUIRE, JR., J. L. COBB, R. V. GRACE, J. B. KERNAN, JR., O. C. PICKHARDT and J. I. VIETOR

**101** — Histology and embryology. *C*-hours, *L*-hours. Double course. Professors SCHULTE and Drs. STRONG and SHARP

**103-104** — Anatomy of the extremities; preliminary visceral anatomy. *C?* hours, *L?* hours. Two full courses. Drs. BROWN and VAUGHAN

**105** — Anatomy of head and central nervous system; abdomen and thorax. *C?* hours, *L?* hours. Double course. Drs. TILNEY, STRONG, and ST. JOHN

**107** — Vertebrate morphology. 3 hours. Half course. Professor HUNTINGTON

**109** — Anatomy of the mouth, larynx, and pharynx. 3 hours. Professor GALLAUDET

**111** — Anatomy of the eye. 3 hours. Professor GALLAUDET

**113** — Anatomy of auditory apparatus. 3 hours. Professor GALLAUDET

**114** — Topographical anatomy of the thorax. 3 hours. Professor GALLAUDET

**116** — Topographical anatomy of the abdomen. 3 hours. Professor GALLAUDET

**118** — Topographical anatomy of the male and female genito-urinary tract. 3 hours. Professor GALLAUDET

**120** — Regional anatomy of the head and neck. 3 hours. Professor GALLAUDET

**202** — Special morphology. 3 hours. Half course. Professors HUNTINGTON and SCHULTE

**204** — Morphology of the nervous system. 3 hours. Half course. Dr. TILNEY

**251-252** — Research in anatomy. 2 half or 2 double courses. Professor HUNTINGTON, and staff.

**302** — Seminar in histology and embryology. 1 hour. — course. Professor SCHULTE

**Equipment.** — The laboratory facilities of the department are very complete. The large general dissecting-room accommodates from 390 to 546 students, working in groups of five or seven at one table.

The laboratory for advanced morphological research occupies the third story of the anatomical building. Every facility for advanced and research work in morphology is here extended. The established connections of the department furnish abundant human and comparative material, both mature and embryonal. The private library of the Professor of Anatomy is at the disposal of advanced workers.

**Museum.** — Much work has been done in the formation of a Museum of Human and Comparative Anatomy, the ultimate design of which is to present, in as complete a manner as possible, a view of the evolution of the forms of animal life, and of their natural relations both in series of natural groups and in the comparative and relative positions of organs and systems. The collection, both as regards groups and the individual preparations, is designed for the illustration of both elementary and advanced courses.

The second floor of the anatomical building has been furnished throughout with suitable exhibition and demonstration stands. It is the intention of the department to install in this space the portion of the collection most used in the medical courses, thus establishing an undergraduate teaching museum which will both increase the efficiency of the sectional demonstrations and render the material upon which they are based available at all times for study and research.

A study-collection of human osteological preparations is so administered as to enable every student to take out the different osteological series and retain them for private study as long as required.

## ANTHROPOLOGY

*See introductory paragraphs, page 61*

*Professors:* F. BOAS (*Executive Officer*) and M. H. SAVILLE

*Instructor:* A. GOLDENWEISER

*Lecturer:* P. E. GODDARD

*Research Assistant:* H. K. HAEBERLIN

**1-2** — General introductory course. 3 hours. 6 points. Professor BOAS and Dr. GOLDENWEISER

**102** — Introduction to anthropology. 2 hours. Half or full course. Professor BOAS

**[101]** — Methods of anthropological research. 2 hours. Half or full course. Professor BOAS

**104** — Prehistoric archæology. 2 hours. Full course. Professor SAVILLE

- [105 — Anthropometry. *C* 2 hours, *L* 3 hours. Professor BOAS]  
 106 — Anthropometry-biometrical methods. 2 hours. Full course. Professor BOAS  
 111-112 — Mexican archæology. 2 hours. 2 full courses. Professor SAVILLE  
 113-114 — Archæology of northwestern South America. 2 full courses. 2 hours. Professor SAVILLE  
 118 — Languages of North America — Introductory course. 2 hours. Full course. Professor BOAS  
 120 — American languages — Advanced course. Full course. Professor BOAS  
 129 — Ethnography of Africa. Full course. Dr. GOLDENWEISER  
 [130 — Ethnography of Australia and the islands of the Pacific Ocean. Full course. Dr. GOLDENWEISER]  
 [131-132 — Ethnography of Europe. 2 full courses. Professor BOAS]  
 [133-134 — Ethnography of America and Siberia. 2 hours. Full. Dr. GOLDENWEISER]  
 138 — General ethnology — Primitive man and his physical environment. Full course. Dr. GOLDENWEISER  
 137 — General ethnology — Types of primitive religion. 3 hours. Full course. Dr. GOLDENWEISER  
 139-140 — General ethnology — Types of primitive social organization. 3 hours. 2 full courses. Dr. GOLDENWEISER  
 203-204 — Research work in anthropology. Professors BOAS and SAVILLE, Dr. GOLDENWEISER, Dr. GODDARD  
 301-302 — Seminar in ethnology. 2 hours bi-weekly. Professor BOAS, Dr. GOLDENWEISER  
 The collections of the American Museum of Natural History may be used by students of anthropology.

#### Summer Session

- s101 — Introduction to anthropology. Full course. Professor BOAS  
 s102 — Ethnographic basis of history. Full course. Dr. GOLDENWEISER  
 s103 — School anthropology. Full course. Professor BOAS  
 s104 — Primitive religion. Full course. Dr. GOLDENWEISER

ARABIC (See page 145)

#### ARCHITECTURE

*See introductory paragraphs, page 61*

*Professors:* A. D. F. HAMLIN and F. D. SHERMAN  
*Assistant Professors:* C. A. HARRIMAN and C. P. WARREN  
*Associates:* W. A. BORING, F. A. NELSON, M. PRÉVOT, A. WARE  
*Lecturer:* F. L. ACKERMAN  
*Curator:* R. F. BACH

- 1-2 — The elements of architecture. *C* 1 hour and work in drafting-room. Professor HARRIMAN  
 5 — Shades and shadows. *C* 3 hours and work in drafting-room. Professor SHERMAN

- 6 — Descriptive geometry. 5 hours. Professor SHERMAN
- 7 — Perspective. *C* 2 hours and work in drafting-room. Professor SHERMAN
- 8 — Stereotomy. *C* 1 hour and work in drafting-room. Professor SHERMAN
- 11 — Plumbing and drainage. *C* 1 hour and work in drafting-room. Professor WARREN
- 12 — Heating and electric light wiring. 1 hour. Professor WARREN
- 15-16 — Building materials and construction. 2 hours. Professor WARREN
- 17-18 — Architectural engineering. 2 hours. Professor WARREN
- 21-22 — Ancient and medieval architecture. 2 hours. Professor HAMLIN
- 21a — Historic research — Ancient and medieval architecture. Equivalent of 4 hours weekly in library during first half-year. Professor HAMLIN and Curator BACH
- 23-24 — Renaissance, modern and oriental architecture. 2 hours. Professor HAMLIN
- 23a — Historic research — Renaissance, modern and oriental architecture. Equivalent of 4 hours weekly in library during second term. Professor HAMLIN and Curator BACH
- 31-32 — Ancient ornament. 1 hour. Curator BACH
- 33-34 — Medieval ornament. 1 hour. Professor HAMLIN
- 35-36 — Modern ornament. 1 hour. Professor HAMLIN
- 41-42 — Decorative arts. 1 hour. Curator BACH
- 51 — Principles of planning. 1 hour. Mr. ACKERMAN
- 52 — Principles of composition. 1 hour. Mr. ACKERMAN
- 61-62 — Elementary design. Major and minor problems, second year. Mr. BORING, Mr. WARE, Mr. NELSON and Mr. CORBETT
- 63-64 — Intermediate design. Major and minor problems, third year. Mr. BORING, Mr. WARE, Mr. NELSON and Mr. CORBETT
- 65-66 — Advanced design. Major and minor problems, and a final or thesis problem, fourth year. Mr. BORING, Mr. WARE, Mr. NELSON and Mr. CORBETT
- 67-68 — Thesis. An important final problem during four months of last year. Mr. BORING, Mr. WARE, Mr. NELSON and Mr. CORBETT
- 71-78 — Drawing. 4 hours weekly throughout four years. Freehand drawing, pen and ink, and water colors from the cast, still-life and living model, modeling. Professor HARRIMAN, Mr. WILSON and Mr. GREGORY
- 72a, 74a, 76a — Summer work. Curator BACH
- 91-92 — History of painting. 1 hour. Curator BACH
- [93-94 — History of sculpture. 1 hour. Curator BACH]
- 117-118 — Advanced construction. Problems in structural design, with accompanying details and specifications. Professor WARREN, Mr. BORING, Mr. WARE, Mr. NELSON and Mr. CORBETT
- 121-122 — Ancient and medieval architecture. 2 hours. Professor HAMLIN
- 121a — Historic research. Ancient and medieval architecture. Professor HAMLIN and Curator BACH
- 123-124 — Renaissance, modern and oriental architecture. 2 hours. Professor HAMLIN
- 124a — Historic research. Renaissance, modern and oriental architecture. Professor HAMLIN and Curator BACH

**161-162** — Graduate design. Major and minor problems. Mr. BORING, Mr. WARE, Mr. NELSON AND Mr. CORBETT

**228a** — Graduate research. Four essays upon subjects selected by the student and approved by the Professor of the History of Architecture, involving original research and study in the Avery library and the Metropolitan Museum of Art, to the extent of approximately 10 hours per week through the year. Professor HAMLIN

### Summer Session

**sF** — Freehand drawing. C 3 hours and work in drafting-room. 2 points.

Mr. ALLEN

**s1** — Elements of architecture. C 2 hours and work in drafting-room.

Professor HARRIMAN

**s2** — Elements of architecture. 8 points. Professor HARRIMAN

**s5** — Shades and shadows. C 8 hours and work in drafting-room. 4 points. Professor SHERMAN and Mr. ALLEN

**s7** — Perspective. C 6 hours and work in drafting-room. 3 points.

Professor SHERMAN and Mr. ALLEN

**s17-18** — Architectural engineering. 4 points. Mr. POND

**s21** — Ancient architecture. 2 points. Curator BACH

**s22** — Medieval architecture. 2 points. Curator BACH

**s61-62** — Elementary design. Major and minor problems. 6 points.

Mr. WARE

**s63-64** — Intermediate design. Major and minor problems. 6 points.

Mr. WARE

**s65-66** — Advanced design. Major and minor problems. 6 points. Mr.

WARE

**s71** — Freehand drawing. 12 hours. 2 points. Professor HARRIMAN

**s73** — Water color drawing. 12 hours. 2 points. Professor HARRIMAN

**s75** — Freehand drawing, advanced. 12 hours. 2 points. Professor

HARRIMAN

### Extension Teaching

**e1** — The elements of architecture. C 1 hour and work in drafting-room. 6 points. Professor HARRIMAN

**e2** — Applied elements. D 4 hours. 8 points. Professor HARRIMAN

**e5** — Shades and shadows. C 3 hours and work in drafting-room. 4 points. Professor SHERMAN

**e6** — Shades and shadows. C 3 hours and work in drafting-room. 4 points. Mr. ALLEN

**e7** — Perspective. C 2 hours and work in drafting-room. 3 points.

Mr. ALLEN

**e8** — Perspective. C 2 hours and work in drafting-room. 3 points. Professor SHERMAN

**e9-10** — Descriptive geometry. 4 points. Mr. ALLEN

**e11** — Plumbing and draining. 2 points. Mr. WALSH

**e12** — Heating and wiring. 2 points. Mr. POND

**e15-16** — Building materials and construction. 2 hours lectures. Mr.

WALSH

**e19-20** — Architectural engineering. 2 points. Mr. POND

**e27** — Ancient architecture. 1 point. Curator BACH

**e28** — Medieval architecture. 1 point. Curator BACH

- e29 — Renaissance architecture. 1 point. Curator BACH  
 e30 — Renaissance, modern and oriental architecture. 1 point. Curator BACH
- BACH**  
 e31-32 — Ancient ornament. C 1 hour. 2 points. Curator BACH  
 e37 — Medieval ornament. 2 points. Curator BACH  
 e38 — Modern ornament. 2 points. Curator BACH  
 e41-42 — Decorative arts. 4 points. Curator BACH  
 e61-62 — Elementary design. Mr. WARE, Mr. SCHULZ, and Mr. HAMLIN  
 e63-64 — Intermediate design. Mr. WARE, Mr. SCHULZ, and Mr. HAMLIN  
 e65-66 — Advanced design. Mr. WARE, Mr. SCHULZ, and Mr. HAMLIN  
 e71-72 — Drawing. 4 hours. 2 points. Professor HARRIMAN  
 e75 — Drawing, advanced. 4 hours. Professor HARRIMAN  
 e76 — Drawing. 2 points. Professor HARRIMAN  
 e80 — Drawing. 2 points. Professor HARRIMAN  
 ex1 — Architectural detailing. D 4 hours. 2 points. Mr. SHERLOCK  
 ex2 — Architectural detailing. D 4 hours. 2 points. Mr. SHERLOCK  
 e91-92 — The history of painting. 4 points. Curator BACH  
 [e93-94 — The history of sculpture. 4 points. Curator BACH]  
 [e101-102 — The history of art, ancient and medieval. 4 points. Professor HAMLIN]  
 e103-104 — The history of art, renaissance and modern. 2 half courses. Professor HAMLIN

ARMENIAN (See page 145)

ASSYRIAN (See page 145)

## ASTRONOMY

*See introductory paragraphs, page 61*

*Professor: H. JACOBY*

- 1-2 — General astronomy — Introductory course. C 2 hours, L 2 hours. 6 points. Professor JACOBY  
 103-104 — Spherical and practical astronomy — A more mathematical treatment, including practical use of instruments. C 1 hour, L 2 hours. 2 half courses. Professor JACOBY  
 105 — Geodesy — Brief history of geodetic operations and description of instruments, including their adjustment and use. 2 hours. Full course. Professor JACOBY  
 106 — Geodesy and practical astronomy. C 1 hour, L 3 hours. Full course. Professor JACOBY  
 205-206 — Theory and Method of Reduction of Photographic Star Plates. 1 hour, with practical work, for two years. 2 full courses. Professor JACOBY

### Summer Session

- s1-s1a — Introduction to the Science. Professor JACOBY  
 s103 — Observatory practice — Conferences and instrumental work. Full or half course. Professor JACOBY  
 107s — Geodetic Surveying. 3 points. Professor JACOBY, Mr. BOWIE, and assistants.



**Equipment.** — The Wilde Observatory contains an equatorial telescope, with clock-work and accessories. The University has also a very complete collection of instruments for the application of astronomy to geodesy, including a Bamberg universal combined prismatic transit and zenith telescope of 4-inch aperture; a Wanschaff zenith telescope of 8-cm. aperture, suitable for latitude measures of the highest precision; two Wanschaff 8-inch microscope theodolites; two Fauth 8- and 10-inch microscope theodolites; secondary bar base and invar tape base apparatus, with stretching machines; complete outfit of engineer's instruments, sextants, apparatus for barometric hypsometry, clocks, chronometers, electric chronographs, etc.; five computing machines.

For the advanced study of astronomy proper, there are special facilities including two Repsold measuring machines of the latest type and a large collection of original astronomical photographs, suitable for measurement and reduction. These photographs were made by Gill at the Cape of Good Hope, Rutherford at New York, Donner at Helsingfors, Henry at Paris, Campbell at Mt. Hamilton, etc. Funds are provided for the publication of researches in astronomical photography. (See University Bibliography.)

In addition, there are a number of unmounted instruments, including Lewis Morris Rutherford's famous 13-inch equatorial, with its attachments.

**Library.** — The University Library is especially strong in astronomy. Among other important collections, it contains the private library of the late Dr. Otto Struve, formerly director of the Pulkowa Observatory. There is also a good working library in the department.

## BACTERIOLOGY

*See introductory paragraphs, page 61*

*Professor:* H. ZINSSER (*Executive Officer*)

*Asst. Associate:* H. J. HOPKINS

*Instructors:* J. G. DWYER, M. MCBURNEY, and R. OTTENBERG

**101** — General bacteriology. For medical students. 6 hours. Full course. Professor ZINSSER, Drs. HOPKINS and DWYER, and Mr. BLISS

**201** — Advanced bacteriology. 18 hours. Double course. Professors ZINSSER and HOPKINS and Dr. DWYER

**203** — Special bacteriology. The study of known species of bacteria and their chemical products, and original investigation. Professor ZINSSER and Dr. HOPKINS

**205-206** — The principles of infection, immunity, serum diagnosis, and therapy. 1 hour. Half course. Professor ZINSSER

**208** — A practical laboratory course in the technique of serum study. 6 hours. Full course. Professor ZINSSER, Professor HOPKINS and Dr. OTTENBERG

**209-210** — Clinical bacteriology. — hours. Two half courses. Dr. DWYER

**211-212** — Clinical serology. — hours. Two half courses. Dr. OTTENBERG and Assistants

**251-252** — Research in bacteriology. Time varies individually. Professor ZINSSER and staff

## Summer Session

**s101** — General bacteriology. 10 hours. *C*-hours, *L*-hours. Full course. Drs. HOPKINS and DWYER

**Equipment.** — The department of bacteriology occupies the western section of the fifth floor of the north building of the College. It comprises a large laboratory for the accommodation of the undergraduate and advanced classes in bacteriology, a research laboratory for special advanced workers, and rooms equipped for the preparation of culture media. The laboratories are well supplied with all necessary apparatus for the culture and study of microorganisms and with cold storage facilities. A large collection of identified bacterial species is kept under cultivation. The department shares with the Department of Pathology a library in which the most important technical periodicals are on file. The opportunity for clinical bacteriology is given a few qualified workers from time to time in the bacteriological laboratory of the Presbyterian Hospital.

## BIOLOGICAL CHEMISTRY

*See introductory paragraphs, page 61*

*Professor:* W. J. GIES (*Executive Officer*)

*Assistant Professor:* P. E. HOWE

*Associates:* F. G. GOODRIDGE, B. HOROWITZ, E. G. MILLER, JR., and W. WEINBERGER

*Instructors:* W. M. KRAUS, and S. MORGULIS

*Assistants:* A. K. BALLS, S. D. KRAMER, V. E. LEVINE and W. A. PERLZWEIG

## Organic Chemistry

**51** — Elementary organic chemistry. *C* 2 hours, *L* 6 hours. Professor HOWE, and Drs. LEVINE and PERLZWEIG

## Nutrition

**101 or 102** — General physiological chemistry. *C* 1 hour, *L* 7 hours. Full course. Professors GIES and HOWE, Drs. HOROWITZ, LEVINE, and PERLZWEIG

**202** — Advanced physiological chemistry, including methods of research in nutrition. *C* 1 hour, *L* 6 hours. Full course. Professor GIES and Miss HEFT

**211-212** — Biochemical methods of research, including clinical methods. *C* 1 hour, *L* 7 hours. 2 full courses. Dr. MILLER and Mr. BALLS

**221-222** — Nutrition in health. *C* 2 hours, *L* 14 hours. 2 double courses. Professor HOWE and Dr. MILLER

**214** — Comparative nutrition. *C* 2 hours. Full course. Dr. MORGULIS

**223-224** — Nutrition in disease. *C* 2 hours, *L* 14 hours. 2 double courses. Professor GIES

**225-226** — Nutrition in disease. 2 half courses. *C* 2 hours. Drs. GOODRIDGE, KRAUS, MORGULIS, and WEINBERGER

**251-252** — Advanced physiological and pathological chemistry. Research 20 hours. 2 double courses. Professor GIES and Dr. MILLER

**Toxicological Chemistry**

**261-262** — Effects and detection of poisons, including food preservatives and adulterants. *L* 10 hours. 2 full courses. Professor GIES and Dr. MILLER

**Botanical Chemistry**

**271-272** — Chemical physiology of plants. *C* 1 hour, *L* 7 hours. 2 full courses. Professor GIES and Dr. HOROWITZ

**Bacteriological Chemistry**

**281-282** — Chemistry of micro-organisms; fermentations, putrefactions, and enzyme actions in general (introduction to sanitary chemistry). *C* 1 hour, *L* 7 hours. 2 full courses. Professor GIES and Mr. KRAMER

**Seminar**

**301-302** — **Biochemical Seminar.** — The members of the teaching staff, Ph. D. candidates, and all other investigators in the department, meet weekly to discuss results of recent researches in chemical biology. Open to all students in the University. 2 hours. No course credit. Professor GIES

**Summer Session**

**s101** — General physiological chemistry. *C* 5 hours, *L* 10 hours. 3 points. Professor GIES and Dr. PERLZWEIG

**s102** — General physiological chemistry (normal nutrition). (Teachers College, *School of Practical Arts*, s-H. A. 125.) 3 points. Professor GIES, Dr. SEAMAN, and Miss COOMBS

**s225** — Nutrition in health and disease. Professor GIES

**s251** — Research. Professor GIES

**Biochemical Research.** — Biochemical research may be conducted by advanced workers, independently or under guidance. Professor GIES consults regularly with investigators in the departmental laboratories; also in the laboratory of pathological chemistry of Bellevue Hospital and at the N. Y. Botanical Garden.

**Library.** — Professor GIES's library occupies a room adjoining the main laboratory at the medical school and is accessible, by appointment, to all workers in the Department. The library contains 2,950 volumes and 8,500 classified separates.

**Equipment.** — The headquarters of the Department of Biological Chemistry are at the College of Physicians and Surgeons, where eight rooms are well equipped for experimental work. Two of the rooms will each accommodate about seventy workers at a time. Six smaller rooms are specially fitted up for experimental investigations by advanced students.

The laboratory of physiological chemistry at Teachers College is situated on the fourth floor of the Household Arts building. It contains two rooms fully stocked with apparatus and chemicals. The larger of these rooms will accommodate thirty-five workers at a time. The smaller room is intended for work by advanced students.

**Biochemical Association.** — The Columbia University Biochemical Association holds quarterly scientific meetings, which are open to all students in the University. The association publishes the *Biochemical Bulletin*, which is now in its fifth volume.

## BIOLOGY

Eight courses in biology (elementary human anatomy and physiology, introduction to biology, human biology, biology in sex-education, biological nature study, applied biology — advanced course, elementary microbiology including bacteriology, special problems in applied biology) are offered under the direction of Teachers College. For details see the current *Announcement of the School of Practical Arts*.

## BOTANY

*See introductory paragraphs, page 61*

*Professors:* R. A. HARPER (*Executive Officer*) and H. M. RICHARDS

*Associate Professors:* C. C. CURTIS and W. G. MARQUETTE

*Assistant Professor:* T. E. HAZEN

*Instructors:* B. O. DODGE

*Lecturer:* MRS. M. L. RICHARDS

*Research Assistant:* C. YAMPOLSKY

*Assistants:* E. ALTENBURG, H. F. A. MEIER, R. R. STEWART, M. W. STEWART, and H. M. RUSK

Certain graduate courses at the New York Botanical Garden are also given, either wholly or in part, by members of the Garden staff.

1-2 — General botany. *C* 2 hours, *L* 4 hours. 8 points. Professor CURTIS and Mr. ALTENBURG

3-4 — Plant morphology. *C* 2 hours, *L* 4 hours. 8 points. Professors HARPER and CURTIS

5 — Elementary plant pathology. *C* 1 hour, *L* 4 hours. 3 points. Dr. DODGE

6 — Economic botany. *C* 1 hour, *L* 4 hours. 3 points. Dr. DODGE

7 — Growth and character of timber. *C* 1 hour, *L* 3 hours. 2 points. Professor CURTIS and Mr. ALTENBURG

9-10 — Botanical problems. Introductory to research. Professors HARPER, CURTIS, MARQUETTE, and Dr. DODGE

11-12 — Plant anatomy and histology. *C* 2 hours, *L* 4 hours. 8 points. Professor MARQUETTE

101-102 — Plant physiology. *C* 2 hours, *L* 6 hours. 2 full courses. Professor MARQUETTE

103-104 — Structure and development of plants. *C* 2 hours, *L* 6 hours. 2 full courses. Professors HARPER and CURTIS

113-114 — Morphology of the higher plants. *C* 2 hours, *L* 6 hours. 2 full courses. Professor CURTIS

115-116 — Mycology. Advanced work. *C* 2 hours, *L* 6 hours. 2 full courses. Professor HARPER and Dr. DODGE

117-118 — Cytology. General physiology of organisms. *C* 2 hours, *L* 6 hours. 2 full courses. Professor HARPER

120 — Plant reactions. *C* 2 hours. 1 half course. Professor MARQUETTE

201-202 — Research in physiology. Professors RICHARDS, CURTIS, and MARQUETTE

209-210 — Problems in physiology of nutrition — treated from a chemical standpoint. Professors RICHARDS and GIES

211-212 — Plant pathology. Professor HARPER, Dr. MURRILL, Dr. SEAYER and Dr. DODGE

217-218 — Embryology of spermatophyta. With special work during two summers. Professors CURTIS and HAZEN

219-220 — Problems in morphology. Directed by members of the department and Botanical Garden staff

227-228 — Taxonomy. Directed by members of the Botanical Garden staff.

235-236 — Plant distribution. Professor BRITTON and other members of the staff

239-240 — Developmental taxonomy. Palaeobotany. Dr. HOLLICK

241-242 — Research on the physiology of the cell and reproduction. Professor HARPER

243-244 — Plant breeding. Dr. STOUT

301-302 — Seminar. 2 hours. 2 half courses. Professor HARPER

51-52 — Principles of plant morphology and physiology. *C* 2 hours, *L* 4 hours. 8 points. Professor RICHARDS, Mrs. RICHARDS, and Miss STEWART (Barnard)

53-54 — General morphology and development of plants. *C* 2 hours, *L* 4 hours. 8 or 10 points. Professor HAZEN and Miss STEWART (Barnard)

55-56 — Morphology and classification of spermatophytes. *C* 1 hour, *L* 4 or 6 hours. 6 or 8 points. Professor HAZEN

153 — Anatomy of vascular plants. *C* 2 hours and a minimum of *L* 6 hours. 5 points. Professor RICHARDS and Mrs. RICHARDS (Barnard)

154 — Physiology of plants from standpoint of nutrition. *C* 2 hours and a minimum of *L* 6 hours. 5 points. Professor RICHARDS and Mrs. RICHARDS (Barnard)

156 — Physiology of plants from standpoint of growth. *C* 2 hours and a minimum of *L* 6 hours. 5 points. Professor RICHARDS and Mrs. RICHARDS (Barnard)

158 — Structure and development of algae — Advanced course. *C* 1 hour, *L* 8 hours. 4 or 5 points, or full course. Professor HAZEN (Barnard)

159 — Structure and development of fungi — Advanced course. *C* 1 hour, *L* 8 hours. 4 or 5 points, or full course. Professor RICHARDS (Barnard)

160 — Embryology and laboratory methods. *L* 8 hours, lectures and outside reading. 4 points. Mrs. RICHARDS (Barnard)

161-162 — Advanced physiology and morphology. Work will be arranged to suit the needs of the students. 2 half, full, or double courses. Professors RICHARDS and HAZEN and Mrs. RICHARDS (Barnard)

Colloquium for the review of current botanical literature bi-weekly.

A botanical conference is held monthly at the library of the New York Botanical Garden, where members of the staff and students either present the results of their own work or review the progress of botanical research and publication elsewhere.

### Summer Session

s2 — Elementary Botany. 3 points. Dr. DODGE

s2-s2a — The evolution of plant forms. 4 or 2 points. Professor CURTIS and Mr. ALTENBURG

s3-s3a — Fungi and plant diseases. 4 or 2 points. Dr. DODGE

s4-s4a — Algae. 4 or 2 points. Mr. FARR

s101-s101a — Plant physiology. Full or half course. Professor MARQUETTE and Mr. FAULWETTER

s112-s112a — Mosses and ferns. Full or half course. Dr. LEVINE

- s125 — Plant-breeding and propagation. Half course. Mr. ALTENBURG  
 s201-s201a — Special problems in plant physiology. Full or double  
 course. Professor MARQUETTE  
 s241-s241a — Research. Full or double course. Professor CURTIS

### Extension Teaching

- e1-2 — Nature and development of plants. *C* - hours, *L* - hours. 4  
 points. Dr. DODGE  
 e1a-2a — General botany. *C* - hours, *L* - hours. 2 points. Dr. DODGE  
 e3-4 — Edible and poisonous fungi. 2 points. Dr. DODGE  
 e5-6 — 2 points. Professor HARPER

**Equipment.** — The Department of Botany occupies the third floor of Schermerhorn Hall, and the laboratories and lecture-rooms are well equipped with apparatus and material for morphological and physiological work.

Similar opportunities are offered to women in the laboratories at Barnard College.

Special laboratories are devoted to work in general and cellular physiology and are provided with micro-photographic equipment and a Zeiss ultraviolet microscope. All necessary apparatus and reagents are available for general histological and cytological work. Provision is also made for work on the metabolism of cells and their reactions to physical stimuli. The equipment includes apparatus for the study of the effects of various thermal, light, and gravitational stimuli on protoplasmic activities, a photometer and electrical measuring instruments such as a delicate d'Arsonval galvanometer, millimeters, resistance measuring instruments, etc., for the study of electro-physiological problems.

A greenhouse connected with a small laboratory and dark room and equipped with a considerable amount of physiological apparatus affords facilities for experimental work in physiology and pathology and provides living material under the most favorable conditions for all instructional courses. A culture-room with modern equipment for growing the fungi and algae in pure cultures is also available.

Under agreement with the University the Botanical Garden supplies all needed facilities for research for members of the staff and for properly accredited students. This combination of forces not only places the Department of Botany within reach of material, equipment and collections not otherwise available, but opens up facilities for research work under conditions that are not excelled.

The Museum of the New York Botanical Garden is located in Bronx Park, and its entire upper floor is devoted to research. The physiological and morphological laboratories occupy the western end, and the taxonomic laboratories and herbarium the eastern end. Among the special features provided are to be mentioned the dark rooms, photographic, operating, and balance-room, and laboratory for physiological chemistry. Ample opportunity for experimental work in plant breeding and in plant pathology is afforded by the open-air plantations and extensive horticultural houses.

The Columbia herbarium and the equally extensive collections of the New York Botanical Garden are housed in the large room in the east wing of the Botanical Museum. The cryptogamic collections are arranged in special rooms. The entire aggregation of collections available for students is exceptionally full in every group of plants.

The library comprises over 20,000 volumes in addition to complete sets of the important botanical journals, which now number over one hundred.

A seminar for the study of special subjects in general physiology meets weekly. A colloquium for the study of current botanical literature meets bi-weekly and a botanical conference meets monthly where members of the staff and students present the result of their own work or review the progress of botanical research elsewhere.

## CHEMISTRY

*See introductory paragraphs, page 61*

*Professors:* M. T. BOGERT, J. L. R. MORGAN, H. C. SHERMAN, and ALEXANDER SMITH (*Executive Officer*)

*Associate Professor:* M. REIMER

*Assistant Professors:* H. T. BEANS, T. B. FREAS, J. KENDALL, A. C. NEISH, J. M. NELSON and J. F. ZANETTE

*Instructors:* F. BARRY, A. M. BUSWELL, H. A. FALES, H. L. FISHER, E. KELLER, and A. W. S. THOMAS

*Assistants:* J. C. ANDREWS, J. C. BAKER, P. C. HAESELER, E. H. LESLIE, V. HAHN, K. P. MONROE, H. B. PARTENHEIMER, G. P. RUSSELL, A. J. SCARLETT, JR., J. TILT and V. TURCK

Courses given in Havemeyer Hall, numbered between 100 and 200, may be closed to women at the discretion of the instructor.

### Inorganic Chemistry and Quantitative Analysis

**A1** — General elementary chemistry. *C* 3 hours, *L* 2 hours. 4 points. Professor NEISH and Assistants

**A2** — General elementary chemistry. *C* 3 hours, *L* 2 hours. 4 points. Mr. HAESELER and Assistants

**3-4** — General inorganic chemistry. *C* 3 hours, *L* 6 hours. 10 points. Professor SMITH, Mr. HAESELER and Assistants

**6-7** — General inorganic chemistry. *C* 3 hours, *L* 6 hours. 10 points. Professor NEISH, Dr. BARRY, Mr. HAESELER and Assistants

**11-12** — Qualitative analysis. *C* 2 hours, *L* 6 hours. 10 points. Professor ZANETTI and Mr. LESLIE

**14-15** — Qualitative analysis. *C* 2 hours, *L* 6 hours. 10 points. Professor ZANETTI and Mr. LESLIE

**H1-H2** — Honors Conference. 2 hours. Professor NEISH

**H3-H4** — Honors Conference. 2 hours. Professor NELSON

**101-102** — Advanced inorganic chemistry. *C* 2 hours. Two half courses. Professor SMITH

**103-104** — Experimental inorganic chemistry. *C* 1 hour, *L* 6 hours. Two full courses. Professor KENDALL

**201** — The phase rule. *C* 2 hours. One half course. Professor KENDALL

**203** — Laboratory administration. *C* 1 hour; *L* 6 hours. One full course. Professor FREAS

**207-208** — Inorganic chemistry, special topics. *C* 2 hours. Two half courses. Professor FREAS

**209-210** — The history of chemistry. *C* 2 hours. Two half courses. Dr. BARRY

**212** — Chemistry of colloids. *C* 2 hours, *L* 4 hours. One full course. Dr. THOMAS

**215-216** — Seminar in inorganic and analytical chemistry. *C* 2 hours. Two half courses. Professors BEANS, ZANETTI and KENDALL

**217-218** — Inorganic chemistry, research. *L* 20 hours. Two double courses. Professors SMITH, FREAS, ZANETTI and KENDALL

### Physical Chemistry

**121-122** — Physical chemistry, general course. *C* 3 hours, *L* 3 hours. Two full courses. Professor MORGAN and Assistant

**123-124** — Experimental physical chemistry. *C* 1 hour, *L* 6 hours. Two full courses. Professor KENDALL

**126** — Experimental physical chemistry. *C* 1 hour, *L* 6 hours. One full course. Professor KENDALL

**225-226** — Seminar in physical chemistry. *C* 2 hours. Two half courses. Professor MORGAN

**227-228** — Physical chemistry, research. *L* 20 hours. Two double courses. Professor MORGAN

### Organic Chemistry

**41-42** — Organic chemistry, elementary course. *C* 3 hours, *L* 6 hours. 12 points. Professor NELSON and Dr. FISHER

**43M** — Organic chemistry. *L* 12 hours. 6 points. Professor NELSON and Dr. FISHER

**49** — Organic chemistry. *C* 2 hours, *L* 9 hours. 6 points. Professor NELSON and Dr. FISHER

**141-142** — Organic chemistry. *C* 3 hours. Two full courses. Professor BOGERT

**151-152** — Advanced organic chemistry. *C* 1 hour, *L* 6 hours. Two half courses. Professor BOGERT and Dr. FISHER

**153-154** — General organic chemistry. *C* 2 hours. Two half courses. Professor NELSON

**255-256** — Seminar in organic chemistry. *C* 2 hours. Two half courses. Professor BOGERT

**257-258** — Organic chemistry, research. *L* 20 hours. Two double courses. Professors BOGERT and NELSON

### Analytical Chemistry

**63** — Quantitative analysis. *C* 2 hours, *L* 9 hours. 6 points. Professor BEANS and Mr. FALES

**64** — Quantitative analysis, inorganic. *C* 1 hour, *L* 3 hours. 2 points. Professor BEANS and Mr. FALES

**66** — Quantitative analysis, inorganic. *C* 1 hour, *L* 6 hours. 4 points. Mr. FALES

**111-112** — Theory of inorganic chemical analysis. *C* 2 hours. Two half courses. Professor BEANS

**163** or **164** — Quantitative analysis, inorganic, advanced course. *L* 12 hours and conferences. Two full courses. Professor BEANS

**267-268** — Quantitative analysis, research. *L* 5 afternoons. Two double courses. Professor BEANS



## Food Chemistry, Organic and Sanitary Analysis

- 84 — Food chemistry. *C* 3 hours. 3 points. Dr. THOMAS
- 171 — Organic analysis. *C* 2 hours, *L* 6 hours. 5 points. Full course. Professor SHERMAN and Dr. THOMAS
- 175 — Food analysis. *C* 2 hours, *L* 6 hours. 5 points. Full course. Professor SHERMAN and Dr. THOMAS
- 176 — Chemistry of food and nutrition. *C* 2 hours, *L* 6 hours. 5 points. Full course. Professor SHERMAN and Dr. THOMAS
- 275-276 — Seminar in food chemistry. *C* 2 hours. Two half courses. Professor SHERMAN and Dr. THOMAS
- 277-278 — Food chemistry, research. *L* 20 hours. Two double courses. Professor SHERMAN
- 278 — Food chemistry, research. *L* 15 hours. Two double courses. Professor SHERMAN
- 73 — Quantitative analysis of water and sewage. *C* 1 hour, *L* 6 hours. 4 points. Mr. BUSWELL
- 78 — Sanitary bacteriology. *C* 2 hours, *L* 6 hours. 5 points. Mr. BUSWELL
- 79 — Sanitary biological analysis. *C* 2 hours, *L* 3 hours. 4 points. Mr. BUSWELL
- 179 — Analysis of water and sewage. *C* 1 hour, *L* 6 hours. 4 points. Full course. Mr. BUSWELL
- 180 — Sanitary analysis. *C* 1 hour, *L* 6 hours. 4 points. Full course. Mr. BUSWELL
- 5-6 — General inorganic chemistry. *C* 2½ hours, *L* 2½ hours. 7 points. Professor REIMER, Miss KELLER, Miss TURCK and Miss TILT (Barnard College)
- 41-42 — Organic chemistry, elementary course. 3 hours. 6 points. Professor REIMER (Barnard College)
- 43-44 — Organic chemistry, elementary course. *L* 6 hours. 6 points. Professor REIMER (Barnard College)
- 63 — Qualitative analysis. *C* 3 hours, *L* 8 hours. 7 points. Miss KELLER (Barnard College)
- 64 — Quantitative analysis. *C* 3 hours, *L* 8 hours. 7 points. Miss KELLER (Barnard College)
- [105-106 — Inorganic chemistry, advanced course. *C* 3 hours, *L* 6 hours. 12 points or two full courses. Miss KELLER (Barnard College)]
- 145-146 — Organic chemistry, advanced course. *C* 3 hours, *L* 6 hours. 12 points or two full courses. Professor REIMER (Barnard College)
- 235-236 — Physical chemistry. *C* 3 hours. 235, half course; 236, full course. Professor MALTBY (Barnard College)

## Summer Session

- sA-sAa-sAb-sAc — Elementary general chemistry. *C* 5 hours, *L* 6 hours. 4, 2 or 1 point. Professor NEISH and Assistants
- s3-s3a-s3c — Inorganic chemistry I. *C* 7 hours, *L* 15 hours. 5, 2 or 3 points. Mr. LESLIE and Assistant
- s4-s4a-s4c — Inorganic chemistry II. *C* 7 hours, *L* 15 hours. 5, 2 or 3 points. Mr. HAESELER and Assistant
- s61 — Qualitative analysis. *C* 10 hours, *L* 25 hours. 8 points. Dr. CALVERT and Assistant

- s67-s67a-s67c — Qualitative analysis. *C* 5 hours, *L* 15 hours. 5, 2 or 3 points. Dr. CALVERT and Assistant
- s68-s68a-s68c — Qualitative analysis. *C* 5 hours, *L* 15 hours. 5, 2 or 3 points. Dr. CALVERT and Assistant
- s107 — Organization and management of the chemical laboratory. *C* 2 hours. Half course. Professor FREAS
- s111 — Modern theory of analytical chemistry. Half course. Professor BEANS
- s201 — The phase rule. Half course. Professor KENDALL
- s207 — Inorganic chemistry, conferences. *C* 5 hours. Half course. Professor FREAS
- s217 — Inorganic chemistry, research. Double or full course. Professor KENDALL
- s123 — Experimental physical chemistry. *C* 3 hours, *L* 12 hours. Full course. Professor KENDALL
- s138 — Elementary physical chemistry. *C* 5 hours. Half course. Professor MORGAN
- s227 — Physical chemistry, research. Double course. Professor MORGAN
- s41 — Elementary organic chemistry I. *C* 7½ hours, *L* 15 hours. 5 points. Dr. FISHER
- s42 — Elementary organic chemistry II. *C* 7½ hours, *L* 15 hours. 15 points. Dr. FISHER and Mr. SCATCHARD
- s151 — Organic chemistry, advanced course. *L* 15 hours. Full course. Dr. FISHER and Mr. SCATCHARD
- s257 — Organic chemistry, research. Double course. Professor NELSON
- s66 — Quantitative analysis. *C* 5 hours, *L* 30 hours. Professor BEANS and Assistants
- s164 — Quantitative analysis, advanced. *L* 30 hours. Double course. Professor BEANS, Mr. FALES and Assistants
- s267 — Quantitative analysis, research. Double course. Professor BEANS
- s175 — Food analysis. *L* 20 hours. Full course. Professor SHERMAN and Dr. THOMAS
- s176 — Chemistry of food and nutrition. *C* 8 hours. Full course. Professor SHERMAN and Dr. THOMAS
- s275-s276 — Seminar in food chemistry. 20 hours. Full course. Professor SHERMAN
- s277 — Research in food chemistry. Double course. Professor SHERMAN and Dr. THOMAS
- [s81 — Industrial chemistry, general, I. *C* 5 hours. 2 points. Professor NEISH and Assistant]
- s82 — Industrial chemistry, general, II. *C* 5 hours. 2 points. Professor NEISH and Assistant

### Extension Teaching

- eA1 — General chemistry, elementary course. *C* 2 hours, *L* 2 hours. 4 points first half year. Professor NEISH and Assistants
- eA2 — General chemistry, elementary course. *C* 2 hours, *L* 2 hours. 4 points. Mr. HAESELER and Assistants
- e6 — General inorganic chemistry. *C* 3 hours, *L* 6 hours. 5 points. Professor NEISH and Assistants
- e7 — General inorganic chemistry. *C* 2 hours, *L* 6 hours. 5 points. Mr. LESLIE and Assistant

e14-15 — Qualitative analysis. *C* 2 hours, *L* 6 hours. 5 points each half. Mr. LESLIE

e41-42 — Organic chemistry, introductory course. *C* 3 hours, *L* 6 hours. 6 points. Dr. FISHER and Assistant

e72 — Quantitative analysis, inorganic. *C* 2 hours, *L* 6 hours. 5 points.

e78 — Sanitary bacteriological analysis. *C* 2 hours, *L* 6 hours. 5 points.

Mr. BUSWELL

e79 — Sanitary biological and chemical analysis. *C* 2 hours, *L* 3 hours. 3 points. Mr. BUSWELL

**Equipment.** — For courses in Chemistry given at Teachers College and for courses in Chemistry and Physiological Chemistry given at the College of Physicians and Surgeons and at the College of Pharmacy, see the Table of Contents and the special *Announcements* of these Schools.

In Havemeyer Hall the Chemical Department is provided with ample space for its museum, lecture-rooms and laboratories.

There are five chemical lecture-rooms, all fully supplied with apparatus and instruments, the desks being equipped with pneumatic troughs, gas, pressure, exhaust, and electricity. The large chemical lecture-room on the ground floor contains 248 seats.

The Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts, and numerous models, pictures, and diagrams.

The new William H. Nichols Laboratories for General Inorganic Chemistry and Qualitative Analysis, together with the rooms for instructors and for research, occupy the whole of one floor of Havemeyer Hall. They are fitted up in the most modern and complete way, with all the conveniences required for instruction and investigation.

The Quantitative Laboratory has eighty-eight desks. Attached to the main laboratory is a large, well-equipped balance-room, containing accurate balances, and special rooms, provided with apparatus for gas, water, food, and electrolytic analysis.

The Organic Laboratory has forty large desks, provided with gas, water, exhaust, and electricity, and has special rooms for balances, pressure ovens, glass-blowing and combustions.

The laboratory of Physical Chemistry is well equipped with the most recent apparatus adapted to a wide range of experimental work in the branches of heat, light, electricity, etc., as applied to chemical problems.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of chemical books and journals, and is open from 9.00 A.M. to 5.00 P.M.

The Department of Chemistry at Barnard College has laboratories well equipped with every facility for the proper study of the subjects offered. The desks have water, gas, and electricity. There is a small library of useful reference books in chemistry to which the students have free access during the entire day.

The laboratories and lecture-room of Teachers College are well equipped for illustrating the teaching of Chemistry in secondary and normal schools. In these the chemistry classes of the Horace Mann Schools receive their instruction, and by observation and practical work in connection with the classes the students in Education 191-192 are enabled to become familiar with the duties of a teacher of Chemistry.

## CHEMICAL ENGINEERING

*See introductory paragraphs, page 61*

*Professor:* M. C. WHITAKER (*Executive Officer*)

*Assistant Professors:* F. J. METZGER and S. A. TUCKER

*Assistants:* H. J. MASSON and R. W. MUMFORD

*Lecturer:* S. C. MASTICK

## Chemical Engineering

**80b** — Summer factory excursion work and report. Professors WHITAKER and METZGER and Instructors

**80s** — Factory inspection. Professors WHITAKER and METZGER

**182** — Industrial chemistry, general. 3 hours. Professor METZGER and Assistants

**183** — Industrial chemistry, advanced course. 3 hours. Professor METZGER and Assistant

**188** — Industrial chemistry, laboratory practice. *L* 3 afternoons. Professors WHITAKER and METZGER and Instructor

**161-2** — Engineering and fuel chemistry. Professor METZGER and Assistants

**180s** — Chemical engineering laboratory. Professors WHITAKER and METZGER

**186** — Industrial chemistry, advanced course. 2 hours. Professor WHITAKER and Assistants

**187** — Industrial chemistry, advanced course. 2 hours. Professor METZGER and Assistant

**189** — Factory inspection. 1 afternoon. Professors WHITAKER and METZGER

**197** — Chemical factory apparatus and machines. 5 hours. Professors WHITAKER and THOMAS (old course)

**197** — Chemical factory machinery. 3 hours. Professor THOMAS

**198** — Chemical factory management. 3 hours. Professor WHITAKER (old course)

**198** — Chemical factory management. 2 hours. Professor WHITAKER

**200** — Factory inspection and design. *C* 1 hour, *L* 1 afternoon. Professors WHITAKER and METZGER

**296** — Industrial conferences. 2 hours. Professors WHITAKER, METZGER and TUCKER

**182** — Industrial chemistry, general. 5 hours. Dr. NEISH

## Applied Electrochemistry

**181 or 182** — Practical electrochemistry. 10 hours. Professor TUCKER and Assistant

**183 or 184** — Industrial electrochemistry. *C* 2 hours. *L* 1 afternoon. Professor TUCKER and Assistant

**288** — Electrochemistry, research. *L* 5 afternoons. Professor TUCKER and Assistant

**Equipment.** — In Havemeyer Hall the Chemical Engineering Department is provided with space for its museum, lecture-rooms, and laboratories, and every convenience has been furnished for both the instructors and students working in the general or special courses.

The Chandler Museum of General Inorganic and Organic Chemistry and of the Chemical Arts, a large room occupying the whole left wing of the ground floor, contains the elements and all their more important compounds, inorganic and organic; materials and products illustrating the chemical arts, and numerous models, pictures, and diagrams.

The Laboratory of Chemical Engineering for the instruction of students in practical application and the solution of problems in connection with the chemical industries, is equipped for the manufacture of pure chemicals from their raw materials on a large scale, with batteries of steam evaporators, and with stills, centrifugals, filter presses, crushers, vacuum dryers, multiple effect evaporators, and general apparatus for industrial research.

The Laboratory for Applied Electrochemistry is equipped with special motor-dynamos, one of which furnishes direct current at low voltages to the students' desks for general electrolytic work; the other provides heavy alternating current to the electric furnace room; this room is furnished with all appliances for electric furnace work. The students' desks are fitted with special switchboards and measuring instruments, and the laboratory has been arranged for carrying on research work in all branches of electrochemistry.

The Furnace Room includes standard types of pot furnaces, muffle furnaces, oven furnaces and a rotary furnace equipped with an automatic heat control device. This apparatus taken in conjunction with the electric furnaces covers a wide range of heating operations.

A new laboratory for Engineering and Fuel Chemistry has recently been installed. The equipment includes standard types of apparatus for industrial water analysis and treatment, solid, liquid and gaseous fuel analysis, petroleum distillation, examination and testing of lubricants, coal grinding and sampling gas and fuel calorimeters, etc.

The Chemical Library in Havemeyer Hall is supplied with an extensive collection of chemical and chemical engineering books and journals, and is open from 9.00 A.M. to 5.00 P.M., and during the session of the University from 8.00 to 11.00 P.M.

CHINESE (see page 144)

## CIVIL ENGINEERING

*See introductory paragraphs, page 61*

*Professors:* A. H. BLANCHARD, W. H. BURR (*Executive Officer*), E. B. LOVELL

*Assistant Professors:* J. K. FINCH, D. D. JACKSON, L. D. NORSWORTHY

*Instructors:* H. B. DROWNE and J. S. MACGREGOR

*Lecturer:* R. H. BROWN and G. R. TUSKA

*Assistants:* F. MILLER and H. L. WHITEMORE

2 — Theory of plane surveying. 2 hours. Professors LOVELL and FINCH and Assistants

2as — Theory of plane surveying. Two and one-half weeks field work. 3 points. Professor FINCH and Assistants

15s — Land surveying — five weeks field work. Professor FINCH and Assistants

25s — Topographic and city surveys — five weeks field work and office work. Professor FINCH and Assistants

**26s** — Hydrographic surveying — two weeks field and office work. Professor FINCH and Assistants

**26as** — Limnology — three weeks field and laboratory work. Professor FINCH and Assistants

**27s** — Topographic and mine claim surveys — five weeks field and office work. Professor FINCH and Assistants

**28s** — Railroad surveying — three weeks field and office work. Professor FINCH and Assistants

**29s** — Railroad surveying — four weeks field and office work. Professor FINCH and Assistants

**121** — Highway engineering. 2 hours. Professor LOVELL

**122** — Maps and road plans. 2 afternoons. Professors LOVELL and FINCH

**150** — Theory of railroad surveying. 2 hours and 1 afternoon. Professors LOVELL and FINCH

**151-152** — Theory of railroad surveying. 3 hours and 1 afternoon. Professors LOVELL and FINCH

**153** — Elasticity and resistance of the materials of engineering. *C* 5 hours, *L* 2 afternoons. Professors BURR and NORSWORTHY, Mr. MACGREGOR and Assistants

**155** — Elasticity and resistance of the materials of engineering. *C* 3 hours, *L* 1 afternoon. Professors BURR and NORSWORTHY, Mr. MACGREGOR and Assistants

**158** — Masonry structures. *C* 3 hours, *L* 1 afternoon. Professor NORSWORTHY

**160** — Sanitary treatment of water supply and sewage. *C* 2 hours, *L* 2 afternoons in February in the Bacteriological Laboratory. Professor JACKSON

**161** — Analytical theory of trusses. *C* 2 hours, *L* 1 afternoon, and conferences. Professor NORSWORTHY

**162** — Graphic statics. *C* 2 hours, *L* 1 afternoon. Professor NORSWORTHY

**164** — Graphic statics. *C* 1 hour, *L* 1 afternoon. Professor NORSWORTHY

**175** — Hydraulics. 3 hours. Professor FINCH

**177** — Hydraulics. 2 hours. Professor FINCH

**183** — The design and construction of bridges, roofs and buildings. *C* 2 hours, *L* 1 afternoon, first half only. Professors BURR and NORSWORTHY

**185** — Foundations. 2 hours, and conferences. Professor BURR

**186** — Heating and ventilating. 2 hours. D. D. KIMBALL

**187-188** — The design and construction of bridges, roofs, and buildings. *C* 2 hours, *L* 2 afternoons first half, *C* 2 hours second half and conferences. Professor NORSWORTHY

**189-190** — Railroad engineering. 3 hours and 1 afternoon for conferences and design work. Professors LOVELL and FINCH

**191** — Reinforced concrete construction. 1 hour. Professor BURR

**193** — Sanitary statistics and reports and field problems in sanitation. 2 hours. Professor JACKSON and Mr. BROWN

**194** — The design and construction of sewers, and river and harbor improvements. 2 hours. Professor BURR and Mr. BROWN

**195** — Sanitary design. 2 afternoons. Mr. BROWN

**196** — Principles of sanitary science and public health. 2 hours. Professor JACKSON

**197** — Water supply, water power and irrigation. 3 hours. Professor FINCH

**198** — Street cleaning and municipal waste disposal. 1 hour. Professor JACKSON

**199-200** — Graduation thesis. A project or thesis on some civil engineering subject, approved by the head of the department, is required of every candidate for the degree of Civil Engineer.

### Advanced Courses

The advanced courses in the department of Civil Engineering qualifying for the University degrees of Master of Arts and Doctor of Philosophy (those courses which fulfill the residence requirements) are the following:

**253-254** — Elasticity and resistance of materials. Half course. Professors BURR and MORECROFT

**257-258** — Elastic and masonry arches. Half course. Professor NORSWORTHY

**275-276** — Hydraulics (Civil Engineering 175 with additional reading). Half course. Professor FINCH

**285-286** — Foundations (Civil Engineering 185 with additional reading). Half course. Professor BURR

**287-288** — Long span bridges. Half course. Professors BURR and NORSWORTHY

**291-292** — Railroad location. Half course. Professors FINCH and LOVELL

**259-260** — Sanitary engineering. Full course. Professor JACKSON

**277-278** — Hydraulic engineering. Full course. Professor FINCH

**289-290** — The engineering of structures. Full course. Professor BURR

**293-294** — Railroad engineering. Full course. Professors FINCH and LOVELL

**Summer Surveying.** — These courses are conducted during each summer vacation at Camp Columbia, near Litchfield, Conn., where ample facilities are provided for all requisite operations, and where the topography is admirably adapted to the practical work of surveying. The courses there given are those announced above under the numbers **15s**, **25s**, **26s**, **26as**, **27s**, **28s**, and **29s**. For details consult separately printed pamphlet which may be had upon application to the Secretary.

### Highway Engineering

The following courses constitute the Graduate Course in Highway Engineering which leads to the degree of A.M. with Highway Engineering as the subject of major interest. For details consult separately printed pamphlet which may be had upon application to the Secretary.

**101** — Economics and design of roads and pavements. Lectures, inspection trips and reports. 2 points or half course. Professor BLANCHARD

**102** — Broken stone, gravel and other roads; brick, stone block, wood block, and cement concrete pavements. Lectures, inspection trips and reports. 2 points or half course. Professor BLANCHARD

**103** — Bituminous surfaces and bituminous pavements. Lectures, inspection trips and reports. 2 points or half course. Professor BLANCHARD

**104** — Highway jurisprudence, highway laws and systems of administration. Lectures, reading and conferences. 2 points or half course. Professor BLANCHARD

**105** — Highway bridges and culverts. Lectures and problems in design work. 2 points or half course. Professor BURR and Mr. DROWNE

**106** — Management engineering. 2 points or half course. Mr. DROWNE

**107** — Mechanical appliances used in highway engineering. Lectures, inspection trips and reports. 2 points or half course. Mr. DROWNE

**108** — Non-bituminous road materials, laboratory course. 2 points or half course. Mr. DROWNE

**109** — Planning of roads and road systems. Lectures, inspection trips and design work. 2 points or half course. Mr. DROWNE

**110** — Planning of streets and street systems. Lectures, inspection trips and design work. 2 points or half course. Mr. DROWNE

**111** — Seminar in highway engineering literature. First session. Reading and conferences. 2 points or half course. Professor BLANCHARD

**112** — Seminar in highway engineering literature. Second session. Reading and conferences. 2 points or half course. Professor BLANCHARD

**e114** — Bituminous materials, surfaces and pavements. Lectures. 2 points or half course. Equivalent of Highway Engineering **103**. Professor BLANCHARD, Mr. DROWNE, Mr. HUBBARD and Mr. SMITH

**Chemistry.** — **H199** — Mining, manufacture, testing and inspection of bituminous materials. Lectures, demonstrations, seminars and inspection of refineries. 2 points or half course. Mr. HUBBARD

**H200** — Testing of bituminous materials, laboratory course. Lectures, seminars and laboratory work. 2 points or half course. Mr. HUBBARD

**Geology** — **H215** — Engineering geology. Lectures, laboratory and field work. 2 points or half course. Professors KEMP and BERKEY

**H216** — Engineering petrography. Lectures and laboratory work. 2 points or half course. Professors KEMP and BERKEY.

### Extension Teaching

**e1-2** — The theory of plane surveying. 2 points. Professor FINCH

**e2a** — Field problems in plane surveying. Professor FINCH

**eX1-X2** — Theory of railroad surveying. Professor FINCH

**eX2a** — Field problems in railroad surveying. Professor FINCH

**eY1a-Y2** — Plain and reinforced concrete construction. Professor FINCH

**eY3** — Fire resistive, structural design and equipment. 2 points. Mr. PERRINE

**e75-76** — Hydraulics. Professor FINCH

**eX1** — Sanitary engineering. The design and construction of sewers. Mr. BROWN

**eX2** — Sanitary engineering. Sewage treatment. Mr. BROWN

**eY2** — Sanitary engineering. Sanitary design. Mr. WALKER

**Equipment.** — The department possesses an unusually full equipment of engineers' and solar transits, levels, plane tables, compasses, and all accessories, as well as similar instruments. Current meters, hook gauges, and floats of various types are also used in making observations in the flow in and discharge of rivers and canals. A complete set of sections of iron and steel shapes, models, and photographs of engineering works, together with working plans of the latter, are in the department for the use of students. The hydraulic laboratory affords opportunity for the practical operations of measuring the discharge through weirs and other orifices, the flow through open channels and closed pipes, frictional and other resistances in pipes and open channels, as well as for meter gaugings, and for general hydraulic investigations. The testing work in the mechanical laboratory includes the complete tests of various structural materials in tension, compression, bending, and torsion, including the observation and digesting of all corresponding data.



CLASSICAL PHILOLOGY

*See introductory paragraphs, page 61*

*Professors:* J. C. EGBERT, C. KNAPP, G. LODGE, N. G. MCCREA, F. G. MOORE, E. D. PERRY, J. R. WHEELER, and C. H. YOUNG (*Executive Officer*)  
*Associate Professor:* L. R. VAN HOOK  
*Assistant Professors:* G. M. HIRST, D. P. LOCKWOOD, E. H. STURTEVANT  
*Associate:* T. L. SHEAR  
*Instructors:* J. R. CRAWFORD, F. M. DEBATIN, W. S. DEMAREST, R. GUERNSEY, W. S. MESSER  
*Lecturer:*

Columbia College

Greek

- 1-2 — Elementary course. 3 hours. 6 points. Professor LOCKWOOD  
 3 — Homer, *Iliad*. 3 hours. 3 points. Mr. DEBATIN  
 5 — Homer. Lucian. 3 hours. 3 points. Professor YOUNG  
 6 — Lucian. Plato. 3 hours. 3 points. Dr. GUERNSEY  
 9-10 — Prose composition. First course. 1 hour. 2 points. Professor STURTEVANT  
 11 — Euripides. Sophocles. 3 hours. 3 points. Professor PERRY  
 12 — Attic orators. 3 hours. 3 points. Professor VAN HOOK  
 13 — Homer. 2 hours. 2 points. Dr. GUERNSEY  
 14 — Herodotus. 2 hours. 2 points. Professor STURTEVANT  
 29-30 — Prose composition. Second course. One session weekly. 4 points. Dr. GUERNSEY  
 31 — Æschylus, *Prometheus*. Aristophanes, *Frogs*. 3 hours. 3 points. Professor VAN HOOK  
 32 — Thucydides. 3 hours. 3 points. Professor YOUNG  
 39-40 — Prose composition. Third course. One session weekly. 4 points. Professor PERRY  
 H1-H2 — Honors conference, for second year students. 2 points. Dr. GUERNSEY  
 H3-H4 — Honors conference, for third year students. 2 points. Professor YOUNG

Latin

- A1 — Livy, selections. Terence. 3 hours. 3 points. Professors MOORE, STURTEVANT, Dr. GUERNSEY, Mr. CRAWFORD and Mr. DEBATIN  
 A2 — Horace, *Odes* and *Epodes*. Catullus. 3 hours. 3 points. Professors MOORE, STURTEVANT, Dr. GUERNSEY, Mr. CRAWFORD and Mr. DEBATIN  
 A3-A4 — Selections from Latin literature. 3 hours. 6 points. Professor MCCREA  
 9-10 — Prose composition. First course. 1 hour. 2 points. Mr. DEBATIN  
 11 — Horace, *Satires* and *Epistles*. 3 hours. 3 points. Professor MCCREA  
 12 — Juvenal. Martial. Pliny, *Letters*. 3 hours. 3 points. Mr. CRAWFORD

- 15 — Seneca, prose works. 2 hours. 2 points. Professor STURTEVANT  
 16 — Tacitus, *Agricola*. 2 hours. 2 points. Mr. DEBATIN  
 29-30 — Prose composition. Second course. 1 hour. 2 points. Mr. CRAWFORD  
 31 — Roman philosophy; selections from the works of Cicero and Lucretius. 3 hours. 3 points. Mr. DEBATIN  
 32 — Roman drama; selected plays of Plautus and Terence. 3 hours. 3 points. Professor STURTEVANT  
 39-40 — Prose composition. Third course. One session weekly. 4 points. Professor MOORE  
 41 — Latin literature of the Republic. Three sessions weekly. 4 points. Professor MOORE  
 42 — Latin literature of the Empire. Three sessions weekly. 4 points. Professor MOORE

#### Classical Civilization

- 52 — Greek life and thought. 2 hours. 2 points. Professor VAN HOOK

#### Barnard College

##### Greek

- 1-2 — Elementary course. Grammar. Composition. Xenophon. 3 hours. 6 points. Professor HIRST  
 3 — Homer, *Iliad*. 3 hours. 3 points. Professor STURTEVANT  
 5 — Homer. Lucian. 3 hours. 3 points. Professor YOUNG  
 6 — Lucian. Plato. 3 hours. 3 points. Professor PERRY  
 9-10 — Prose composition. First course. 1 hour. 2 points. Mr. MESSER  
 11 — Euripides. Sophocles. 3 hours. 3 points. Professor VAN HOOK  
 12 — Attic orators. 3 hours. 3 points. Professor YOUNG  
 13 — Herodotus. 2 hours. 2 points. Professor HIRST  
 14 — Greek tragedy. 2 hours. 2 points. Professor VAN HOOK  
 29-30 — Prose composition. Second course. One session weekly. 4 points. Professor WHEELER  
 31 — Æschylus, *Prometheus*. Aristophanes, *Frogs*. 3 hours. 3 points. Professor VAN HOOK  
 32 — Thucydides. 3 hours. 3 points. Professor YOUNG  
 39-40 — Prose composition. Third course. One session weekly. 4 points. Dr. GUERNSEY

##### Latin

- A1 — Livy, selections. Terence. 3 hours. 3 points. Professors KNAPP, VAN HOOK, HIRST, Mr. CRAWFORD and Miss GOODALE  
 A2 — Horace, *Odes* and *Epodes*. Catullus. 3 hours. 3 points. Professors KNAPP, VAN HOOK, HIRST, Mr. MESSER, Mr. DEBATIN and Miss GOODALE  
 A3-A4 — Selections from Latin Literature. 3 hours. 6 points. Mr. MESSER  
 A6 — Livy, selections. Terence. 3 hours. 3 points. Miss GOODALE  
 9-10 — Prose composition. First course. 1 hour. 2 points. Miss GOODALE  
 11 — Horace, *Satire* and *Epistles*. 3 hours. 3 points. Mr. MESSER  
 12 — Juvenal. Martial. Pliny, *Letters*. 3 hours. 3 points. Professor HIRST

- 15 — Cicero, *Letters*. 2 hours. 2 points. Mr. MESSER  
 16 — Tacitus, selections from *Annals XIII-XVI*. 2 hours. 2 points.  
 Professor HIRST  
 29-30 — Prose composition. Second course. 1 hour. 2 points. Pro-  
 fessor HIRST  
 31 — Roman philosophy; selections from the works of Cicero and Lucre-  
 tius. 3 hours. 3 points. Professor KNAPP  
 32 — Roman drama; selected plays of Plautus, Terence and Seneca. 3  
 hours. 3 points. Mr. MESSER  
 39-40 — Prose composition. Third course. One session weekly. 4  
 points. Mr. MESSER  
 41 — Latin literature of the Republic. Three sessions weekly. 4 points.  
 Professor KNAPP  
 42 — Latin literature of the Empire. Three sessions weekly. 4 points.  
 Professor KNAPP

### Classical Civilization

- 52 — Greek life and thought. 2 hours. 2 points. Professor VAN HOOK

### Graduate Courses

#### Greek

- 201-202 — Greek literature. Part I: Poetry. 3 hours. 2 full courses.  
 Professor WHEELER  
 205 — Greek philosophy. Plato: *Republic*, *Phaedrus*, and *Symposium*.  
 3 hours. Full course. Professor PERRY  
 206 — Greek philosophy. Aristotle: *Nicomachean Ethics*. 3 hours. Full  
 course. Professor PERRY  
 207-208 — Epic poetry. 3 hours. 2 full courses. Dr. GUERNSEY  
 253 — Greek epigraphy. Introductory course. 2 hours. Half course.  
 Professor PERRY  
 254 — Greek epigraphy. Second course. 2 hours. Half course. Pro-  
 fessor PERRY

#### Latin

- 203-204 — Latin literature of the Empire. 3 hours. 2 full courses. Professor  
 McCREA  
 225-226 — Roman oratory. 3 hours. 2 full courses. Professor MOORE  
 227-228 — Roman drama. 3 hours. 2 full courses. Professor LOCK-  
 WOOD  
 229 — Prose composition. Latin idiom. 2 hours. Half course. Pro-  
 fessor McCREA  
 230 — Prose composition. Elements of style. 2 hours. Half course.  
 Professor McCREA  
 251 — Roman epigraphy. Introductory course. 2 hours. Half course.  
 Professor EGBERT  
 252 — Roman epigraphy. Official and sepulchral inscriptions. 2 hours  
 Half course. Professor EGBERT

#### Paleography

- Latin. — 280 — Elements of Latin paleography. Half course. Pro-  
 fessor ROCKWELL

## Teachers College

**151a-152a** — Curriculum and methods of teaching. 2 hours. 2 half courses. Professor LODGE

**151b-152b** — Latin vocabulary and conversation. 2 hours. 2 half courses. Professor LODGE

**351-352** — Practicum in Latin — Cæsar and Vergil. 2 hours. 2 full courses. Professor LODGE

**521-522** — Problems in Latin Syntax. 2 full courses. Professor LODGE

## Classical Archæology — Greek

**149** — Greek archæology. Introductory course. 3 hours. Full course. Professors WHEELER and YOUNG

**154** — Greek archæology. Second course. Part II: Sculpture. 3 hours. Full course. Professor YOUNG

**258** — The Acropolis of Athens. 2 hours. Half course. Professor WHEELER

## Classical Archæology — Latin

**177** — Archæological readings. 2 hours. Half course. Mr. CRAWFORD

**253-254** — Roman archæology and epigraphy. 2 hours. 2 half courses. Professor EGBERT

**255-256** — Roman private life. 2 hours. 2 half courses. Professor LOCKWOOD

**263** — Pompeii. 2 hours. Half course. Mr. CRAWFORD

**264** — Roman religion. 2 hours. Half course. Mr. CRAWFORD

**278** — Early civilization in Italy. 2 hours. Half course. Mr. CRAWFORD

## Comparative Philology

**291-292** — Comparative grammar of Greek and Latin. 2 hours. 2 half courses. Professor STURTEVANT

## Classical Proseminar

**297-298** — Proseminar in Greek and Latin. 2 hours. 2 full courses. Professor KNAPP

## Classical Seminar

**303-304** — Greek section. 2 hours. 2 full courses. Professor WHEELER

**305-306** — Latin section. 2 hours. 2 full courses. Professor KNAPP

## Summer Session

## Comparative Philology

**s194** — Pronunciation of Greek and Latin. Half course. Professor STURTEVANT

## Greek

**s1** — Elementary course. 4 points. Professor MACURDY

**s3** — Homer, *Iliad*. 2 points. Professor STURTEVANT

**s137** — Greek pastoral poetry. Half course. Professor MACURDY

## Latin

**sX1a** — Elementary course. 2 points. Miss WYE

**sX1b** — Elementary course. 2 points. Miss WYE

**sY1** — Vergil, *Æneid*, Books I-VI. 2 points. Mr. DEMAREST

- sY2 — Cicero, selected orations. 2 points. Mr. MESSER  
sZ — Latin prose composition. 2 points. Mr. MESSER  
sA1 — Livy. 2 points. Professor STURTEVANT  
sA2 — Horace. Catullus. 2 points. Professor McCREA  
s9 — Latin prose composition. 2 points. Professor KNAPP  
s39 — Latin prose composition. 2 points. Mr. DEMAREST  
s107 — Vergil, *Æneid*. Half course. Professor McCREA  
s125 — Roman oratory. Half course. Professor MOORE  
s127 — Plautus and Terence. Half course. Professor KNAPP  
s211 — Latin conversation. Half course. Miss WYE  
s219 — Advanced Latin prose composition. Half course. Professor  
MOORE

### Extension Teaching

#### Greek

- e1 — Elementary Greek. 3 points. Dr. REILEY  
e2 — Xenophon and sight translation. 3 points. Dr. REILEY  
e3 — Homer. 3 points. Dr. REILEY

#### Latin

- eA5 — Collegiate Latin. Horace, *Odes* and *Satires*. Catullus. 3 points.  
Dr. GUERNSEY  
eA6 — Collegiate Latin. Terence, *Phormio*; Livy, selections. 3 points.  
Dr. GUERNSEY  
eX1 — Elementary Latin. 3 points. Miss WYE  
eX2 — Cæsar, Nepos, and prose composition. 3 points. Miss WYE  
eX3 — Cæsar, Nepos, and prose composition. 3 points. Dr. REILEY  
eY1 — Ovid and Vergil. 3 points. Miss WYE  
eY3 — Cicero and Sallust. 3 points. Miss WYE  
eY5 — Latin prose composition. 2 points. Miss WYE  
eY6 — Latin prose composition. Course eY5 repeated. 2 points. Miss WYE  
eY8 — Ovid and Vergil. Course eY1 repeated. 3 points. Miss WYE  
e97-98 — Latin Conversation. 4 points. Miss WYE

**Equipment.** — The general library is unusually rich in early and rare editions of the Classics and contains also an excellent selection of recent works on the Latin and Greek languages and literatures and on classical philology in general. The departments of archæology, epigraphy, paleography, Roman history and Roman law are especially well represented. The library receives all the important serial publications, issued abroad and at home, in the field of philology and archæology. The Avery Library contains a large number of illustrated works on art and archæology as well as on architecture and offers an unusual opportunity for the study of these subjects. Furthermore, in the Drisler and Earle Collections in the departmental reading room in Philosophy Building the department possesses a special library of selected works which is at the disposal of graduate students. The department is also fairly well equipped with maps, plans, etc.; owns a large collection of photographs of Greek and Roman monuments, localities, and sculpture; and has a large number of squeezes of inscriptions. On the Roman side the Olcott Collection includes a valuable collection of ancient coins, some original inscriptions, and a collection of miscellaneous antiquities. Moreover, the students of the University have free access to the collections of the Metropolitan Museum of Art for study and comparison.

## CLINICAL INSTRUCTION

*in Dermatology and Syphilology, Laryngology, Ophthalmology, Orthopedic Surgery and Otology. For Clinical Instruction in Medicine, Surgery, Urology, Obstetrics, Gynecology, Neurology, and Pediatrics, details will be found under the general heading of these departments.*

*See introductory paragraphs, page 61*

**Professors:** G. BACON, W. F. CHAPPELL, C. G. COAKLEY, R. C. DENIG, J. A. FORDYCE, V. P. GIBNEY, J. R. HAYDEN, A. H. KNAPP and R. W. LEWIS, JR.  
**Assistant Professors:** R. WHITMAN and G. R. ELLIOTT

**Instructors:** C. G. BANDLER, H. B. BLACKWELL, M. L. CARR, G. H. COCKS, A. P. COLL, B. C. DARLING, O. DIEM, R. FROTHINGHAM, C. H. JAEGER, R. KINGSLEY, J. LESHURE, J. B. LYNCH, J. F. MCCARTHY, G. M. MACKEE, A. MICHAELIS, T. L. SAUNDERS, M. S. SCHOENBERG, J. W. WHITE, J. R. WHITING and F. WISE

**Lecturer:** O. H. ROGERS

**Clinical Assistants:**—*Orthopedic Surgery*—W. BLANCARD, S. BOORSTEIN, W. FRIEDES, A. RICHMAN, H. D. SONNENSCHEN; *Otology*—M. L. CARR, A. MICHAELIS, I. H. ALEXANDER; *Dermatology*—E. W. ABRAMOWITZ, W. P. ANDERTON, WISE, J. REMER, I. ROSEN, E. J. SNYDER, W. BLANCARD, E. C. JAGLE, M. SCHEER, F. STEINKE, C. T. STEVENS, C. T. SHARPE, W. B. LONG; *Ophthalmology*—R. BARVER, D. W. FRYE, J. B. LYNCH, M. J. SCHOENBERG, L. GREENBERG, E. HARLOW; *Laryngology*—A. S. BLUMGARTEN, A. COLL, D. S. HARDENBERG, J. LESHURE, C. OSGOOD, D. A. SINGER, B. FREUDENFALL, R. S. HINSDALE, L. GREENBERG

## Dermatology

**201-202**—Dermatology and syphilology. 1 hour. Professor FORDYCE

**204**—Practical instruction in the diagnosis and treatment of diseases of the skin and syphilis; instruction in radiography. At the Vanderbilt Clinic; 2 hours. Dr. MACKEE

**205**—Histo-pathology of skin diseases and syphilis (Vanderbilt Clinic). 3 hours. Drs. MACKEE and WISE

**207**—Dermatological therapeutics (Vanderbilt Clinic). 3 hours. Dr. WISE

**209**—Radiotherapy in skin diseases (Vanderbilt Clinic). 3 hours. Dr. MACKEE

**211**—Clinical diagnosis and treatment of skin diseases (Vanderbilt Clinic). 3 hours. Dr. MACKEE

The department of dermatology and syphilis is equipped with laboratories for histo-pathology, X-ray therapy, and serology as well as with a separate department for the treatment of syphilis by intravenous and intramuscular medication.

## Genito-Urinary

**201**—Practical instruction in the diagnosis and treatment of genito-urinary and venereal diseases (Vanderbilt Clinic). 2 hours. Drs. WHITING and KINGSLEY

**202**—Genito-urinary and venereal diseases (Vanderbilt Clinic). 1 hour. Professor HAYDEN

**204**—Hospital clinics in genito-urinary diseases (Bellevue Hospital). 1½ hours. Professor HAYDEN and Drs. MCCARTHY and BANDLER

**206** — Practical instruction in the diagnosis and treatment of genito-urinary and venereal diseases (Vanderbilt Clinic or Bellevue Hospital). 2 hours. Drs. WHITING and KINGSLEY

**Laryngology.** — **201** — Practical instruction in laryngology (Vanderbilt Clinic). 2 hours. Dr. FROTHINGHAM, COLL and LESHURE

**202** — Clinical lecture on laryngology (Vanderbilt Clinic). 1 hour. Professor COAKLEY

**204** — Practical instruction in laryngology (Vanderbilt Clinic). 2 hours. Dr. FROTHINGHAM and Assistants

**206** — Clinical course in diagnosis and treatment (Vanderbilt Clinic). 1 hour. Professor COAKLEY

**207** or **208** — Practical clinical instruction in laryngology (Manhattan Eye, Ear, and Throat Hospital). 1 hour. Professor CHAPPELL and Dr. COCKS

### Ophthalmology

**201** — Practical instruction in ophthalmology (Vanderbilt Clinic). 2 hours. Drs. WHITE, LYNCH, DIEM and SCHOENBERG

**202** — Clinical lectures upon the diseases of the eye (Vanderbilt Clinic). 1 hour. Professor KNAPP

**205-206** — Hospital clinics in ophthalmology (Herman Knapp Memorial Eye Hospital). Professor KNAPP

### Orthopedic Surgery

**202** — Clinical lectures on orthopedic surgery and diseases of the joints. 1 hour. Professor GIBNEY

**203-204** — Practical instruction in orthopedic surgery (Hospital for the Ruptured and Cripple). 2 hours. Professor WHITMAN

**205-206** — Practical instruction in orthopedic surgery (Vanderbilt Clinic). 2 hours. Dr. JAEGER

**207** — Operations in orthopedic surgery (Hospital for the Ruptured and Cripple). 1 hour. Professor GIBNEY

**201** — Description and interpretation of X-Ray examinations of bone and joint disease and injury conditions by lantern slides (Vanderbilt Clinic). 1 hour. Dr. DARLING.

### Otology

**201** — Didactic lectures in otological pathology and therapeutic methods (Vanderbilt Clinic). 1 hour. Professor BACON

**202** — Practical instruction in the diagnosis of the diseases of the ear (Vanderbilt Clinic). 2 hours. Drs. SAUNDERS, MICHAELIS and CARR

**205-206** — Operations and bedside instruction in otology (New York Eye and Ear Infirmary). 2 hours. Professors BACON and LEWIS

## COMPARATIVE LITERATURE (see page 109)

## DISEASES OF CHILDREN

*See introductory paragraphs, page 61*

*Professor:* L. E. HOLT (*Executive Officer*)

*Associates:* H. W. BERG, R. S. HAYNES, F. H. BARTLETT and L. E. LAFETRA

*Instructors:* H. H. MASON, N. R. NORTON, C. H. SMITH, H. B. WILCOX and A. L. GOODMAN

*Assistants:* B. W. HAMILTON, J. S. LEOPOLD, S. MCLEAN, M. J. MERSEREAU, O. M. SCHLOSS, J. F. SAMMIS, M. S. REUBEN, G. W. GRAVES and L. M. SILVER

*Clinical Assistants:* G. A. SCHNEPEL, H. R. MIXSELL, I. MILLER, H. L. BIBBY, J. WASHTON, M. FRIEDSON, G. R. MANNING, E. E. CLEAVES and L. L. FULKERSON

**201** — Recitations in diseases of children. 1 hour; first half of third year. Dr. BARTLETT

**203** — Clinical lectures on diseases of children (Vanderbilt Clinic). 1 hour; first half of third and fourth years. Professor HOLT

**204** — Didactic lectures on diseases of children. 1 hour; second half of third and fourth years. Professor HOLT

**206** — Examination and diagnosis of the diseases of children (Vanderbilt Clinic). 2 hours; one-sixth of third year. Drs. HAYNES and C. H. SMITH and Assistants

**207-208** — Bedside instruction in the contagious diseases of children (Willard Parker and Scarlet Fever Hospital). 1 hour; one-fifth of third year. Drs. BERG and HAYNES

**209-210** — Hospital clinic in diseases of children (New York Foundling, or Babies' Hospital). 3 hours; one-fourth of fourth year. Professor HOLT

**211-212** — Clinical instruction in diseases of children (Bellevue Hospital). Three times a week for four weeks. Drs. LAFETRA and WILCOX

**213-214** — Diseases of children (Babies' Hospital). 6 hours; one-fourth of fourth year. Drs. BARTLETT and MCLEAN

**215-216** — Diseases of children (Bellevue Hospital). 6 hours; one-fourth of fourth year. Drs. LAFETRA and WILCOX

**217-218** — Diseases of children (Foundling Hospital). 6 hours. During Oct., Apr., and May; fourth year. Dr. NORTON

**219-220** — Course in intubation (Foundling Hospital). Dr. NORTON

**221-222** — Diseases of children (German Hospital). 2 hours; one-half of third year. Drs. GOODMAN and LEOPOLD

**Post Graduate Instruction.** — A limited number of graduates in medicine will be received in this department for post-graduate instruction. No students will be admitted for less than one half-year and applicants must have had a previous hospital training. The instruction will include clinical work in general diagnosis and treatment of diseases of children in the wards of Babies', Foundling, and Bellevue Hospitals and in the Vanderbilt Clinic, special instruction in contagious diseases at the Willard Parker and Scarlet Fever Hospitals, and opportunities for witnessing post-mortem examinations at the New York Foundling Hospital.

## DRAFTING

*See introductory paragraphs, page 61*

*Associate Professor:* R. E. MAYER (*Executive Officer*)

*Assistant Professors:* S. O. MILLER and T. H. HARRINGTON

**1-2** — Elements of engineering drafting, lettering, projections, working drawings, topography. C 1 hour, D 5 hours. 2 points. Professors MAYER, MILLER and HARRINGTON



3 or 4 — Descriptive geometry — Problems on point, line, and plane; tangent planes; intersections; developments; warped surfaces. *C* 3 hours. 3 points. Professors MAYER, MILLER and HARRINGTON

5-6 — (a) Graphics — Shades and shadows; perspective; (b) Stone-cutting. 3 hours. *C* and *D*. Professors MAYER, MILLER and HARRINGTON

7-8 — (a) Structural drawing; (b) Machine drawing. 6 hours. *C* and *D*. Professors MAYER, MILLER and HARRINGTON

### Summer Session

sa — Mechanical drafting. 2 points. Professor MAYER

s1-2 — Mechanical drafting. 3 points. Professor MAYER

s3-4 — Descriptive geometry. 2 points. Professor MAYER

s6, 7-8 — Advanced mechanical drafting. 3 points. Professor MAYER

### Extension Teaching

e1-2 — Mechanical drafting. 4 points. Professor HARRINGTON

e3-4 — Descriptive geometry. 2 hours. 4 points. Professor HARRINGTON

e5 — Graphics. *C* 1 hour, *D* 5 hours. 2 points. Professor HARRINGTON

e8 — Specialized engineering drafting. (a) Structural drafting. (b) Machine drafting. *C* 1 hour, *D* 5 hours. 2 points. Professor HARRINGTON

Equipment. — The collections of the department contain models illustrating problems in projections and descriptive geometry, a special feature of which is the set of Olivier models illustrating the warped surfaces and problems in intersections and tangencies.

## ECONOMICS AND SOCIAL SCIENCE

*See introductory paragraphs, page 61*

Professors: J. B. CLARK, E. T. DEVINE, F. H. GIDDINGS, S. M. LINDSAY, W. C. MITCHELL, H. L. MOORE, E. V. D. ROBINSON,\* H. L. SEAGER, E. R. A. SELIGMAN (*Executive Officer*), and V. G. SIMKHOVITCH

Associate Professors: R. E. CHADDOCK and H. R. MUSSEY

Assistant Professors: E. E. AGGER, R. H. MONTGOMERY, and A. A. TENNEY

Instructors: R. M. HAIG, G. G. HUEBNER and E. J. HUTCHINSON and H. N. SHENTON

Lecturers: W. Z. RIPLEY, H. BRADLEY, R. L. HALE and D. S. TUCKER

Assistants: L. BRANDT, H. A. E. CHANDLER, C. T. MURCHINSON, E. S. WHITIN and F. A. ROSS

### Political Economy and Finance

1-2 — Introduction to economics — Practical economic problems. 6 points. Professor AGGER and instructors

3 — The principles of money and banking. 3 points. Professor AGGER

4 — Banking organization, domestic and international exchange. 3 points. Professor AGGER

5 — Practical economic problems. 3 points. Mr. HALE

6 — Introduction to economics. 3 points. Mr. HALE

8 — Epochs in social evolution. 2 points. Mr. SHENTON

11 — Economic Resources of Europe and the U. S. 3 points. Professor ROBINSON (E. V. D.)

\* Deceased.

**11-12** — Women in industry. 6 points. Miss HUTCHINSON (Barnard College)

**14** — Government and Industry. 3 points. Professor ROBINSON (E. V. D.)

**101-(51)** — Science of finance — I: Public revenues. 3 points. Professor SELIGMAN and Mr. HALE

**102-(52)** — Science of finance — II: Public expenditures, public debts, and the budget. 3 points. Professor SELIGMAN and Mr. HALE

**103** — Commerce and commercial policy. 2 hours. Professor MUSSEY

**105-(55)** — The labor problem. 2 hours. Professor SEAGER and Mr. MURCHISON

This course is also given at Barnard College as a two-point course (**117**)

**106-(56)** — The trust and corporation problem. 2 hours. Professor RIPLEY and Mr. MURCHISON

This course is also given at Barnard College as a two-point course (**118**)

**[107-(57)]** — Fiscal and industrial history of the United States. 2 hours. Full or half course. Professor SELIGMAN]

**[108-(58)]** — Railroad problems, economic, social and legal. 2 hours. Full or half course. Professor SELIGMAN]

**109** — History of socialism. 2 hours. Full or half course. Professor SIMKHOVITCH

**111-112** — Problems of public health — Standards of living. 4 points. Professor CHADDOCK (Barnard College)

**114** — Marx and post-Marxian socialism. 2 hours. Full or half course. Professor SIMKHOVITCH

**115** — History of socialism. 2 points. Professor SIMKHOVITCH (Barnard College)

**116** — Socialism and the social movement. 2 points. Professor SIMKHOVITCH (Barnard College)

**119** — Economic history. 2 hours. Professor SIMKHOVITCH

**201** — Economic readings — I: Classical English economists. 2 hours. Full course. Professor SEAGER

**203** — History of economics to Adam Smith. 2 hours. Full or half course. Professor SELIGMAN

**204** — History of economics since Adam Smith. 2 hours. Full or half course. Professor SELIGMAN

**206** — Economic theory. Conditions of economic progress. 2 hours. Half course. Professor CLARK

**207** — Business cycles. 2 hours. Full or half course. Professor MITCHELL

**208** — Types of economic theory. 2 hours. Full or half course. Professor MITCHELL

**209** — Principles and methods of statistics. 2 hours. Full or half course. Professor CHADDOCK

**210** — Social statistics. 2 hours. Full or half course. Professor CHADDOCK

**211-212** — Economic theory. 4 hours. 2 full courses. Professor H. L. MOORE

**242** — Radicalism and social reform as reflected in the literature of the nineteenth century. 2 hours. Full course. Professor SIMKHOVITCH

**301** — Seminar in political economy and finance. 2 hours. Half course. Professors SELIGMAN and MITCHELL

**302** — Seminar in political economy and finance. 2 hours. Half course.

Professors SELIGMAN and MITCHELL

**303** — Seminar in political economy and finance. 2 hours. Half course.

Professors SEAGER and SIMKHOVITCH

**304** — Seminar in political economy and finance. 2 hours. Half course.

Professors SEAGER and SIMKHOVITCH

### Applied Economics

**161-162 (e161-162)** — Corporation finance. 4 hours. Full or half course. Mr. LYON

**163 (e163)** — The principles of money and banking. 2 hours. Full or half course. Professor AGGER

**164 (e164)** — Banking organization and foreign exchange. 2 hours. Full or half course. Professor AGGER

**165-166 (e165-166)** — Business and social statistics. 4 hours. Full course. Professor CHADDOCK

**171-172 (71-72 and e171-172)** — Principles of accounting. 4 hours. (4 points, or full or half course.) Professor MONTGOMERY

**173-174** — Advanced accounting. 2 hours. Professor Montgomery and Mr. KESTER

**177-178** — Advanced accounting laboratory. 4 hours. Full or half-course. Mr. KESTER

**181-182 (e182)** — Personal insurance. 2 hours. Full or half course. Professor HUEBNER, S. S.

**183 (e183)** — Railroad transportation. 2 hours. Half course. Professor HUEBNER, G. G.

**184 (e184)** — Water transportation. 2 hours. Half course. Professor HUEBNER, G. G.

**185-186** — Property insurance. 2 hours. Full or half course. Professor HUEBNER, S. S.

**191-192 (e191-192)** — The psychology of advertising. 4 hours. Full or half course. Dr. HOLLINGWORTH

**193-194 (e193-194)** — Business organization and administration. Seminar and research course. 4 hours. 2 points. Mr. HUBBART

**195-196** — Markets and marketing. 2 hours. Full or half course. Professor HUEBNER

### Summer Session

**es1** — Elementary accounting. 2 points. Mr. KOOPMAN

**s3** — Principles of accounting. 2 points. Professor ROBINSON

**s4** — Principles of accounting. 2 points. Mr. KOOPMAN

**es15** — Advertising and selling. 2 points. Mr. HUBBART

**s1** — Introduction to economics. 2 points. Mr. TUCKER

**s2** — Practical economic problems. 2 points. Mr. TUCKER

**s103** — International trade. Half course. Professor GEPHART

**s105** — The labor problem. Half course. Professor JOHNSON

**s106** — Industrial combinations and trusts. Half course. Dr. STEVENS

**s108** — Railway transportation. Half course. Professor GEPHART

**s110** — Economic and social reform. Half course. Professor GEPHART

**s113** — The principles of money and banking. Half course. Professor AGGER

**s114** — Banking organization. Half course. Professor AGGER

- s120 — Corporation finance. Half course. Dr. STEVENS  
 s205 — Value and distribution. Half course. Professor JOHNSON  
 s207 — Principles and methods of statistics. Half course. Professor CHADDOCK  
 s210 — Standard of living and public health. Half course. Professor CHADDOCK

### Extension Teaching

- e1-2 — Elementary bookkeeping. 3 points. Mr. BALTZ and Mr. HUGHES  
 e1a — Advanced bookkeeping. 3 points. Mr. HUGHES  
 e2a — Elementary bookkeeping. 3 points. Mr. HUGHES  
 e3-4 — Principles of accounting. 4 points. Mr. KOOPMAN  
 e5-6 — Practical accounting. 4 points. Mr. BOYCE  
 e7-8 — Cost accounting. 2 points. Mr. NICHOLSON  
 e9 — The organization of business. 3 points. Dr. HAIG  
 e10 — Business finance. 3 points. Dr. HAIG  
 e9-10 — Auditing and practice accounting problems. 4 points. Professor MONTGOMERY  
 e13-14 — Advanced Accounting. Laboratory course. 2 points. Mr. BYRNES  
 e15-16 — Transportation Accounting. 2 points. Mr. BOYCE  
 e17 — Income Tax Procedure. Professor MONTGOMERY  
 e1-2 — Principles of economics. 3 points. Mr. ROBINSON  
 e3-4 — Business organization and administration. 4 points. Dr. HAIG  
 e5-6 — Commercial geography. 4 points. Professor McFARLANE  
 e13-14 — Railway traffic and rates. 4 points. Dr. HUEBNER  
 e15-16 — Practical advertising. 4 points. Mr. HUBBART  
 e17 — Salesmanship. 2 points. Mr. HUBBART  
 e71-72 — Principles of accounting. 2 points. Professor MONTGOMERY  
 e1-2 — Corporation finance. 4 points. Mr. LYON  
 e3-4 — Money and banking. 4 points. Professor AGGER  
 e9-10 — Investments. 4 points. Mr. LOWNHAUPT  
 e161-162 — Corporation finance. 4 hours. Mr. LYON

### Sociology

- 8 — Epochs in social evolution. 2 hours. Mr. SHENTON  
 103 — Modern social problems. 2 hours. Professor CHADDOCK  
 151 — Principles of sociology, analytical: theories of social organization and progress. 2 hours. Full course. Professor TENNEY  
 152 — Principles of sociology, descriptive: problems of social organization and progress in America. 2 hours. Full course. Professor TENNEY  
 209 — Principles and methods of statistics. 2 hours. Full or half course. Professor CHADDOCK  
 210 — Social statistics. 2 hours. Full or half course. Professor CHADDOCK  
 [255 — Social evolution: ethnic and civil origins. 2 hours. Full or half course. Professor GIDDINGS]  
 [256 — Social evolution: civilization, liberty, and democracy. 2 hours. Full or half course. Professor GIDDINGS]

**257-258** — The evolution of progressive society. 2 hours. Full or half course. Professor GIDDINGS

**313** — General seminar. Observational sociology. 2 hours. Full course. Professor GIDDINGS

**314** — General seminar. Observational sociology. 2 hours. Full course. Professor GIDDINGS

**315** — Seminar in modern social problems. 2 hours. Full course. Professor TENNEY

**316** — Seminar in modern social problems. 2 hours. Full course. Professor TENNEY

**317-318** — Advanced seminar in sociological theories. Dissertations in preparation. 2 hours. 2 full courses. Professor TENNEY

**319-320** — Advanced seminar in sociological research. 2 hours. 2 full courses. Professor GIDDINGS

### Summer Session

**s101 or s101a** — Social institutions. Full or half course. Mr. SHENTON

**s102** — Principles of inductive sociology. Full course. Professor GIDDINGS

**s315** — Seminar. Problems and methods. Reports and discussions. Full course. Professor GIDDINGS

### Extension Teaching

**e141** — Social problems: population and population movements. Full or half course or 2 points. Mr. SHENTON

**e142** — Social problems: social betterment. 2 hours. Full or half course or 2 points. Mr. SHENTON

**e143** — Social institutions: institutions of component society. 2 hours. Full or half course or 2 points. Mr. SHENTON

**e144** — Social institutions: institutions of constituent society. 2 hours. Full or half course or 2 points. Mr. SHENTON

**e147-148** — Social statistics. 2 hours. 2 full or 2 half courses. Mr. ROSS

**e151** — Principles of sociology. Lectures, readings, discussions and exercises. 2 hours. Full or half course or 2 points. Mr. SHENTON

**e152** — Historical evolution of society. Lectures, readings and discussions. 2 hours. Full or half course or 2 points. Mr. SHENTON

### Social Economy

**101-102** — Social work. 2 hours. 2 full or 2 half courses. Professor DEVINE

**111-112** — Social legislation. 2 hours. 2 full or 2 half courses. Professor LINDSAY

**201-202** — Problems in social economy. 2 full or 2 half courses. Professor DEVINE

**211-212** — Problems in social legislation. 2 full courses. Professor LINDSAY

**<sup>1</sup>291-292** — Social work. 2 hours. 2 full or 2 half courses. Professors DEVINE

**<sup>1</sup>293-294** — Individuals and families. 3 hours. 2 full courses. Mr. LEE and Mr. THURSTON

<sup>1</sup> Given at the New York School of Philanthropy.

<sup>1</sup>295-296 — Industrial conditions. 2 hours. 2 half courses. Miss VAN KLEECK

<sup>1</sup>297-298 — Social work. Research. 4 hours. 2 full courses. Miss CLAGHORN

301-302 — Seminar. 4 hours. 2 half courses. Professors DEVINE and LINDSAY

303-304 — Advanced seminar. 4 hours. 2 full courses. Professors DEVINE and LINDSAY

### Social Science

#### Extension Teaching

e131-132 — Practical penal problems. 2 hours. Half course. Dr. WHITIN

e162 — History of social reform in the United States. 2 hours. Full or half course. Dr. LEVINE

#### Equipment

The Library facilities are unexcelled. Every journal of importance, American or foreign, dealing with economics or social science, is taken regularly by the Library. Any book needed by advanced students can usually be bought at once. The special library of history and political science alone comprises more than eighty thousand volumes.

The facilities offered to students of sociology and social economy include a large library of general and special works, on sociological theory, the history of the family, pauperism, crime, and penology. Arrangements have been made with the Charity Organization Society, the State Charities Aid Association, the University Settlement, the East Side House, and the Brooklyn Bureau of Charities by which students can become fully acquainted with actual work among the people and with the most perfect methods.

Students of economics and social science will find in New York unrivaled library facilities. In addition to the University, there are the New York Public Library on the Astor, Lenox, and Tilden foundation, New York Historical Library, Long Island Historical Library, Library of the New York School of Philanthropy, the Bar Association Library, and the Law Institute Library, to each of which students have access under favorable conditions. Advanced students also have at their disposal the library of the MeVickar Professor of Political Economy which contains an important collection of works on earlier economies.

The Statistical Laboratory, conducted by Professor Chaddock, is equipped with the most modern devices for facilitating statistical work, including the Hollerith punching, sorting, and tabulating machines, Burroughs adding machines and several calculators of the Brunsviga and Millionaire types, calculating tables, and materials and devices for the construction of graphs. Some of the most necessary current sources of statistical data, both for our own and for foreign countries, are kept upon the shelves for reference and instruction.

Students also have the privilege of attending all of the courses in the School of Philanthropy conducted by the Charity Organization Society.

<sup>1</sup> Given at the New York School of Philanthropy.

## EDUCATION

*See introductory paragraphs, page 61*

The School of Education of Teachers College is the Division of Education of Columbia University. In the section of the Catalogue devoted to Teachers College (see Table of Contents) will be found a list of its officers and a statement of its equipment for instruction and research in education.

All Teachers College courses are open to men and women on equal terms.

*A full statement of the nature of each of the following courses, the work prerequisite to it, and the credit which may be received for it in partial fulfilment of the requirements for the several degrees and diplomas, and similar statements concerning nearly 200 semi-professional courses offered by the School of Education and the School of Practical Arts of Teachers College, but not listed here, will be found in the current edition of the Bulletin of the Schools of Education and Practical Arts of Teachers College.*

## Educational Administration

**201-202** — Organization and administration of school systems. 2 half-courses. Professor STRAYER and Dr. TRABUE

**205** — The administration of rural schools. Half-course. Dr. TRABUE

**206** — The administration of public secondary schools. Half-course. Dr. TRABUE

**403-404** — Practicum. Administration of public education in the United States. 2 full courses. Professor STRAYER

**509-510** — Seminar. Educational administration. 2 full courses. Dean RUSSELL and Professor STRAYER

## Comparative Education

**203** — Administrative and social bases of foreign school systems. Half-course. Dr. KANDEL

**204** — Organization, curricula, and methods of teaching in foreign schools. Half-course. Dr. KANDEL

**286** — Comparative secondary education. Half-course. Professor SACHS

**503-504** — Practicum. Comparative education. 2 full courses. Dr. KANDEL

## Elementary Education

**211-212** — Theory and practice of teaching in elementary schools. 2 half-courses. Professors HILLEGAS, DODGE, UPTON, BAKER, JOHNSON, and BIGELOW

**211B-212B** — Recent experiments in elementary education. Half-course. Professor HILLEGAS

**213-214** — Criticism and supervision of instruction in the elementary school. 2 half-courses. Professor BRIGGS

**217-218** — Problems in class teaching in the elementary school. 2 half-courses. Miss DAY

**217x-218x** — Experimental and demonstration teaching. Half-course. Professor HILLEGAS and Miss DAY

**219-220** — The primary school. 2 half-courses. Miss MOORE

**411-412** — Criticism and supervision of instruction in the elementary school. 2 half-courses. Professor BRIGGS

**413-414** — Practicum. Elementary education. 2 full courses. Professor HILLEGAS

**513-514** — Seminar. Elementary education. Professor HILLEGAS

### History of Education

**B** — History and principles of education, with special reference to elementary school problems. 6 points. Professor GOODSELL and others

**Ba** — History of education. First third of education **B**, described above. 2 points. Professor GOODSELL

**222** — Education of women. Half-course. Professor GOODSELL

**227** — History of secondary education. Half-course. Dr. KANDEL

**243-244** — Modern educational theorists. 2 half-courses. Professor KILPATRICK

**421-422** — History of education. 2 full courses. Professor MONROE

**421A** — History of education. Half-course. Professor GOODSELL

**421A-422A** — History of education. 2 half-courses. Professor MONROE

**425-426** — History of education in United States. 2 half-courses. Professor MONROE

**427-428** — Practicum. History of education in England. 2 full courses. Professor MONROE

**501-502** — Seminar. The historical foundations of modern education. 2 full courses. Professor MONROE

### Kindergarten Education

**51** — Froebelian gifts and allied materials. 2 points. Miss SUTHERLAND

**53** — Studies and experiments with Froebelian occupations. 1 point. Miss BURKE

**55-56** — Music for the kindergarten. 2 points. Miss SUTHERLAND

**102** — Froebel's gifts and other play materials. Half-course. Miss SMITH

**103** — Studies and experiments with materials leading to the fine arts. Half-course. Miss BROWN

**104** — Studies and experiments with play materials leading to the industrial arts. Half-course. Miss BROWN and Miss GARRISON

**107-108** — Dramatic arts, plays, games, and dances of early childhood. Half-course. Miss BURKE

**231-232** — The unification of the kindergarten and the primary school. 2 half-courses. Miss MOORE

**233-234** — The home and the conservation of childhood. 2 half-courses. Miss ATKINSON

**235-236** — Criticism and supervision of curricula and teaching in kindergarten. 2 half-courses. Professor HILL and Miss MOORE

**237-238** — Kindergarten curricula and methods of teaching. 2 half-courses. Professor HILL and Miss BROWN

**239-240** — Education of infancy and early childhood. 2 half-courses. Miss SMITH and Miss GARRISON

**431-432** — Practicum. Current problems in the supervision of kindergartens and the training of kindergarten teachers. 2 full courses. Professor HILL

### Philosophy of Education

**241-242** — Philosophy of education. 2 half-courses. Professor KILPATRICK



**243-244** — Modern educational theorists. 2 half-courses. Professor KILPATRICK

**245** — Logic and educational problems. Half-course. Professor DEWEY

**441-442** — Practicum. Philosophy of education. 2 full courses. Professor KILPATRICK

**446** — Practicum. Historical relations of philosophy and education. Full course. Professor DEWEY

**541-542** — Seminar. Philosophy of education. Professor DEWEY

### Psychology of Education

**215** — Methods of teaching in special classes. Half-course. Miss FARRELL

**216** — Supervision of special classes. Lectures, readings and discussions. Half-course. Miss FARRELL

**215x-216x** — Observation, experiment and teaching in connection with special classes. Half-course. Miss FARRELL, Professors HILLEGAS and NORSWORTHY and Dr. BISCH

**251-252** — Psychology of childhood. 2 half-courses. Professor WHITLEY

**253-254** — Psychology and treatment of exceptional children. 2 half-courses. Dr. BISCH

**255-256** — Applications of experimental and physiological psychology to education. 2 half-courses. Professor RUGER

**257** — Educational psychology. Full course. Professor NORSWORTHY

**258A** — Psychology of the elementary school subjects. Half-course. Professor NORSWORTHY

**258B** — Psychology of the secondary school subjects. Half-course. Professor RUGER

**260** — Applications of analytic and genetic psychology to education. Half-course. Professors NORSWORTHY and WHITLEY

**451-452** — Educational psychology — advanced course. 2 full courses. Professor NORSWORTHY

**453-454** — Practicum. Application of psychological and statistical methods to education. 2 full courses. Professor RUGER

**455-456** — Clinical psychology. 2 full courses. Dr. BISCH

**458** — The mathematics of statistics. Half-course. Professor GROVE

**459** — The mathematical theory of statistics. Full course. Professor GROVE

**553-554** — Seminar. Educational psychology. Professors NORSWORTHY and RUGER

### Religious Education

**261-262** — The teaching of religion. 2 half-courses. Professor COE and Miss TALLMAN

**261x-262x** — Practice in Sunday-school teaching. Supervised by Miss TALLMAN

**263-264** — The curriculum of the Sunday-school. Half-course. Miss TALLMAN

**149** — The religion of the Old Testament. Half-course. Professor BEWER

**150** — The religion of the New Testament. Half-course. Professor BEWER

### Rural Education

**271-272** — Rural schools. Readings, reports, and discussions. 2 half-courses. Professor DODGE

- 273-274 — Rural social conditions. Lectures, discussions, and reports. 2 half-courses. Dr. WILSON  
 471-472 — Practicum in rural education. 2 full courses. Professor DODGE  
 473-474 — Practicum in rural sociology. 2 full courses. Dr. WILSON

### Secondary Education

- 281 — Class instruction in secondary schools. Half-course. Professor STEVENS  
 282 — Management of the corporate life of the school. Half-course. Professor STEVENS  
 283-284 — Supervised observation and field work. 2 half-courses. Professor STEVENS and Mr. GARVER  
 286 — Comparative secondary education. Half-course. Professor SACHS  
 287-288 — Methods in special subjects. 2 half-courses. Professor SACHS and specialists  
 290 — Secondary education for girls. Half-course. Professor STEVENS  
 481 — Problems of the secondary school. Half-course. Professor SACHS  
 482 — Supervision in the secondary school. Half-course. Professor SACHS  
 487-488 — Practicum in secondary education. 2 full courses. Professor SACHS  
 489-490 — Practicum. Experimental and statistical problems in secondary education. 2 full courses. Professor BRIGGS  
 587-588 — Seminar in secondary education. Professor SACHS

### Sociology of Education

- 247 — The school and society. Half-course. Professor DEWEY  
 291 — Educational sociology — social foundations of the school system. Half-course. Professor KILPATRICK  
 292 — Public education in America. Half-course. Professor CUBBERLEY  
 492 — Practicum in educational sociology — the principal and his school. Full course. Professor CUBBERLEY  
 592 — Seminar. Educational sociology. Professor CUBBERLEY

### Vocational Education

- 296 — Problems in vocational education. Half-course. Dr. DEAN  
 298 — The administration of vocational education. Half-course. Dr. DEAN

### Biology

- 101-102 — Teaching of biological sciences in secondary schools. 2 full courses. Professors BIGELOW and BROADHURST  
 104 — Biology as related to education, including sex-education. Half-course. Professor BIGELOW  
 105 — Teaching of nature-study. Half-course. Professors BIGELOW and BROADHURST  
 301-302 — Practicum in teaching biological sciences in secondary and normal schools. 2 full courses. Professors BIGELOW and BROADHURST  
 153-154 — Special problems in applied biology. 2 half-courses. Professors BIGELOW and BROADHURST

**Domestic Science and Art**

*See Household Arts and the Bulletin of the School of Practical Arts*

**Economics**

*See Household Arts, page 104*

**English**

**107-108** — The teaching of English in secondary schools. 2 full courses. Professor BAKER

**109-110** — Principles of English usage. 2 full courses. Professor KRAPP

**307-308** — Practicum in the teaching of English in secondary schools. 2 full courses. Professor BAKER

**309** — The college teaching of English. Full course. Professor BALDWIN

**Fine Arts**

*See also Architecture and Music*

**111-112** — Theory and practice of teaching art. 2 half-courses. Professor Dow and Miss BRADISH

**113-114** — Supervision of fine arts. 2 half-courses. Professor Dow

**311-312** — Practicum. 2 full courses. Professor Dow

NOTE. — For detailed information regarding courses in Fine Arts and the Teaching of Fine Arts, see *The Bulletin of School of Practical Arts*.

**Foods and Cookery**

*See Household Arts, page 104*

**French**

**117-118** — The teaching of French in secondary schools. 2 full courses. Professor COHN

**Geography**

**51-52** — General geography. 4 points. Professor DODGE

**56** — Human geography. 2 points. Professor DODGE

**57** — Elements of industrial geography. 2 points. Professor DODGE

**101-102** — The geography of the United States. Lectures and library work. 2 half-courses. Professor DODGE

**211a-212a** — The teaching of geography in elementary schools. Half-course. Miss KIRCHWEY

**121-122** — The teaching of geography in secondary schools. 2 full courses. Professor DODGE and Miss KIRCHWEY

**123** — Problems in normal school geography teaching. Full course. Professor DODGE

**321-322** — Practicum in geography. 2 full courses. Professor DODGE

**German**

**53-54** — Educational German. 4 points. Professor BAGSTER-COLLINS

**144** — Modern German syntax. Half-course. Professor BAGSTER-COLLINS

**127-128** — The teaching of German in secondary schools. 2 full courses. Professor BAGSTER-COLLINS

**327-328** — Practicum. 2 full courses. Professor BAGSTER-COLLINS

## History

**131-132** — The teaching of history in secondary schools. Lectures, discussions, and practical work. 2 full courses. Professor JOHNSON

**133** — History of the family as a social institution. Half-course. Professor GOODSELL

**134** — The teaching of history in normal schools. Lectures, discussions, and practical work. Full course. Professor JOHNSON

**211C** — The supervision of history in elementary schools. Lectures, discussions, and practical work. Half-course. Professor JOHNSON

**331-332** — Practicum in history. 2 full courses. Professor JOHNSON

**151-152** — The literature of American history. Lectures, readings, and reports. 2 half-courses. Professor JOHNSON

## HOUSEHOLD ARTS

The School of Practical Arts of Teachers College provides eighty-eight courses in Household Arts Education, Nutrition and Food Economics, Household Chemistry, Physiological Chemistry, Foods and Cookery, Textiles and Clothing, Household Art, Household and Institutional Administration, and Nursing and Health. Part-time students are provided for by Special Classes. These courses and the Household Arts building and equipment are described in special circulars and in the current *Bulletin of the School of Practical Arts*.

**135-136** — Teaching of household arts. 2 half-courses. Professors KINNE, COOLEY, and WINCHELL

**137-138** — Supervision of household arts. 2 half-courses. Professors KINNE and COOLEY

**335-336** — Organization and teaching of household arts in normal schools and colleges. 2 half-courses. Professors KINNE, COOLEY, and others

**336x** — Practice teaching in household arts. 1 or 2 half-courses. Professors VAN ARSDALE, KINNE, FALES, and GUNTHER

**337-338** — Practicum in household arts. 2 full courses. Professors KINNE and COOLEY

## Administration

**181** — Accounting in institutions. Half-course. Professor McFARLANE

**183** — Institutional administration. Half-course. Professor GUNTHER

## Chemistry

**121-122** — Household chemistry — advanced. 2 half-courses. Professor VULTÉ

**125** — Physiological chemistry. Full course. Professor GIES and Dr. SEAMAN

**127** — Physiological chemistry — advanced. Full course. Professor GIES and Assistants

## Cookery

**129-130** — Problems in cookery. 2 half-courses. Professor VAN ARSDALE and others

**131-132** — Experimental cookery — advanced. 2 half-courses. Professor VAN ARSDALE and Miss FRENCH

**231-232** — Research in cookery. 2 half-courses. Professor VAN ARSDALE and Miss FRENCH

**Economics**

**165-166** — Household economic science — advanced. 2 half-courses. Professor ANDREWS

**265-266** — Problems of household economic science. 2 half-courses. Professor ANDREWS

**Hygiene**

**185-186** — Public health investigation. 2 half-courses. Dr. WINSLOW

**Nursing and Health**

**170** — Teaching of nursing principles and methods. Half-course. Miss STEWART

**171** — Teaching in schools of nursing. Half-course. Miss STEWART

**171x** — Observation and practice work. Supplementary to education  
**171.** Half-course. Miss STEWART

**172** — Administration in schools of nursing. Half-course. Professors NUTTING and GOODRICH

**174** — State relation to nurses' education. Half-course. Professor GOODRICH

**175** — Administration and education in public health nursing. Half-course. Miss STRONG and Miss CRANDALL

**176** — Teaching of health principles. Half-course. Miss STRONG

**185-186** — Public health investigation. 2 half-courses. Dr. WINSLOW

**371** — Practicum in nursing. Full course. Professor NUTTING

**Nutrition**

**110** — Dietetics. Full course. Professor ROSE

**115** — Nutrition and food economics. Half-course. Professors SHERMAN and ROSE

**117** — Laboratory methods in nutrition. Full course. Professor ROSE and Miss McCORMICK

**215-216** — Practicum in nutrition and food economics. 2 full courses. Professors SHERMAN and ROSE

**218** — Investigation in nutrition or food economics. Full course. Professors SHERMAN and ROSE

**Social Science**

**163** — History of the family as a social institution. Half-course. Professor GOODSSELL

**289** — Practicum in social investigation. Full course. Professor CHADDOCK

**Hygiene of Education**

**183-184** — Educational hygiene. 2 half-courses. Professor WOOD

**187-188** — Hygiene of childhood and adolescence. 2 half-courses. Professor WOOD

**189-190** — Teaching of hygiene and physical education. 2 half-courses. Professor WOOD and Assistants.

**191** — Teaching of hygiene in the elementary grades. Half-course. Miss A DAMS

### Industrial Arts

The School of Practical Arts of Teachers College provides thirty-six courses in Industrial Arts Education, Drawing and Design, Industrial Mathematics, Wood-Working and Metal-Working. These courses and the Macy Manual Arts building and equipment are described in the current *Bulletin of the School of Practical Arts* which will be sent without charge upon application to the Secretary of the University. There is a summer session of the School.

**143-144** — Industrial arts for the elementary grades. 2 half-courses. Miss PATRICK

**145-146** — Teaching industrial arts in elementary schools. 2 half-courses. Professor BONSER

**147-148** — Teaching industrial arts in secondary and vocational schools. 2 half-courses. Professors BONSER, NOYES, SLEFFEL, and WEICK

**150** — Teaching agriculture in secondary and vocational schools. Half-course. Professor MORGAN

**343-344** — Practicum in industrial education. 2 full courses. Professor BONSER

### Latin

**151-152** — The teaching of Latin in secondary schools. Lectures, reports, and practical work. 2 full courses. Professor LODGE

**351-352** — Practicum in Latin — Cæsar and Vergil. Lectures, interpretations, and reports. 2 full courses. Professor LODGE

**521-522** — Problems in Latin syntax. Lectures and reports. 2 full courses. Professor LODGE

### Mathematics

**157-158** — The teaching of mathematics in secondary schools. Lectures, discussions, and practical work. 2 full courses. Professor UPTON

**159-160** — The teaching of applied mathematics. Lectures, discussions, and practical work. 2 half-courses. Mr. BRECKENRIDGE

**212e** — The teaching of arithmetic in elementary schools. Lectures and discussions. Half-course. Professor UPTON

**357-358** — Practicum in the teaching of mathematics. 2 full courses. Professor SMITH

**557-558** — Seminar in the teaching of mathematics. Professor SMITH

**151-152** — History of mathematics. 2 full courses. Professor SMITH

**251-252** — Practicum in the history of mathematics. 2 full courses. Professor SMITH

**31-32** — Industrial mathematics. 4 points. Mr. BRECKENRIDGE

### Music

**161-162** — Teaching of school music. 2 full courses. Miss LATHAM

**163-164** — Supervision of school music. 2 half-courses. Professor FARNSWORTH

**363-364** — Practicum in the Teaching of School Music. 2 full courses. Professor FARNSWORTH

### Physical Education

**187-188** — Hygiene of childhood and adolescence. 2 half-courses. Professor WOOD

**189-190** — The teaching of hygiene and physical education. 2 half-courses. Professor WOOD and Assistants

**191** — The teaching of hygiene in the elementary grades. Half-course. Miss ADAMS

**193-194** — Dramatic expression in physical education. 2 half-courses. Miss THORNTON, Madame ALBERTI, and Mr. WILLIAMS

**185-186** — Play and playgrounds. 2 half-courses. Mr. JOHNSON

**389-390** — Practicum in hygiene and physical education. 2 full courses. Professor WOOD

### Physical Science

**197-198** — The teaching of physical science in secondary schools. Chemistry and physics. 2 full courses. Professor WOODHULL

**395-396** — The history of physical science. 2 half-courses. Professor WOODHULL

**397-398** — Practicum in physical science. 2 full courses. Professor WOODHULL

**521-522** — Seminar in the history and teaching of physical science. Professor WOODHULL

## ELECTRICAL ENGINEERING

*See introductory paragraphs, page 61*

*Professor:* W. I. SLICHTER (*Executive Officer*)

*Associate Professor:* J. H. MORECROFT

*Assistant Professor:* M. ARENDT

*Instructors:* F. W. HEHRE, F. R. KELLER, F. L. MASON

*Assistants:* J. R. BALMFORD, E. L. FISHER, G. S. PARKER

Professors M. I. PUPIN and A. P. WILLS of the Department of Physics give instruction in electro-mechanics to the Electrical Engineering students. See the statement of the Department of Physics.

**101** — Elements of electrical engineering. 2 hours. Professor SLICHTER

**102** — Electrical machinery. 2 hours. Professor MORECROFT

**117 or 118** — Direct current machine laboratory. C 1 hour, L 1 afternoon. Mr. HEHRE

**103 or 104** — Elements of alternating current engineering. 2 hours. Professors SLICHTER and ARENDT

**119 or 120** — Alternating current machine laboratory. C 1 hour, L 1 afternoon. Professor MORECROFT and Mr. KELLER

**106** — Alternating current machinery. 2 hours. Professors SLICHTER and ARENDT

**107** — Applications of electric machinery. 2 hours. Professor ARENDT.

**112** — Electric railways. 2 hours. Professor SLICHTER

**108** — Design of direct current machinery. C 3 hours, L 1 afternoon. Professor ARENDT

**110** — Electrical communication. 2 hours. Professor ARENDT

**105** — Alternating current engineering. 2 hours. Professor SLICHTER

**109** — Applications of electrical machinery. 2 hours. Professor ARENDT

**125** — Standardizing laboratory. C 1 hour, L 1 afternoon. Mr. MASON

**114** — Electric plants. 2 hours. Professor SLICHTER

**116** — Design of alternating current machinery. C 2 hours, L 1 afternoon. Professor SLICHTER

**126** — Illumination. *C* 1 hour, *L* 1 afternoon. Mr. MASON

**121-122** — Direct current machine laboratory. *C* 2 hours, *L* 2 afternoons. Mr. HEHRE

**123-124** — Alternating current laboratory. *C* 3 hours, *L* 2 afternoons. Professor MORECROFT and Mr. KELLER

The following special courses are given to Naval Officers pursuing graduate work at Columbia and not open to other students:

**171N** — Direct current laboratory      **153-154N** — Design of electrical machinery

**102N** — Electric motors

**105N** — Alternating currents

**105AN** — Alternating currents

**109-110N** — Telegraph and telephone

**173N** — Direct current laboratory

**176N** — Alternating current laboratory

**177N** — Instrument laboratory

**201-202N** — Seminar

**211-212N** — Radio laboratory

### Summer Session

**s1** — Elements of electrical engineering. 4 points. Mr. HEHRE

**s101-102** — Elements of Electrical Engineering and Elements of Electrical Machinery. 4 points. Professor MORECROFT

**s151** — Electrical machine laboratory. 4 points. Mr. HEHRE

### Extension Teaching

**e1** — Elements of electrical engineering. 2 evenings a week first term. 3 points. Mr. HEHRE and Assistant

**e2** — Principles of direct current machinery. 2 evenings a week second term. 3 points. Mr. HEHRE and Assistant

**e3** — Elements of alternating currents. 2 evenings a week first term. 3 points. Mr. HEHRE and Assistants

**e4** — Principles of alternating current machinery. 2 evenings a week second term. 3 points. Mr. HEHRE and assistant

**Equipment.** — The offices, laboratories, museums, and lecture-rooms of the electrical engineering department are in the Engineering Building.

The laboratories located in the basement contain direct and alternating current machinery and apparatus. The various machines in these laboratories are, respectively, examples of constant-potential generators, constant-current arc-lighting dynamos, many types of stationary and railway motors, and motor-dynamos. Complete sets of ampere, volt, and watt meters, speed indicators, transmission and adsorption dynamometers are available for testing the various generators and motors.

The alternating current apparatus includes single-phase and polyphase generators, induction and synchronous motors, rotary converters, mercury arc rectifiers, and various types and sizes of transformers. Test boards and complete sets of alternating current measuring instruments and curve-tracing apparatus, such as an oscillograph and ondograph, are also provided.

The lecture-rooms are provided with an ample supply of electrical currents of different forms, and other facilities for experimental demonstrations. The museum contains collections of apparatus, models, and materials relating to electrical engineering.

The large instrument laboratory on the third floor contains various forms of galvanometers, ampere balances, potentiometers, standard cells and resistances, measuring apparatus, laboratory standard volt and ammeters,



as well as the high-tension testing sets. A storage battery is provided for testing, calibration, and standardization purposes.

The photometric laboratory of this department is equipped with various forms of photometers for gas, arc, and incandescent lamp testing.

The library of the department is located on the ground floor of the Engineering Building and contains a carefully selected number of books and periodicals which are in frequent use as references while the main library contains books that are less frequently in demand.

## ENGLISH AND COMPARATIVE LITERATURE

*See introductory paragraphs, page 61*

**Professors:** F. T. BAKER, C. S. BALDWIN, W. T. BREWSTER, J. CUNLIFFE, J. B. FLETCHER, V. C. GILDERSLEEVE, G. P. KRAPP, BRANDER MATTHEWS, G. C. D. ODELL, A. H. THORNDIKE (*Executive Officer*) and W. P. TRENT

**Associate Professors:** J. ERSKINE, G. A. HUBBARD and W. W. LAWRENCE

**Assistant Professors:** A. ABBOTT, H. M. AYRES, F. A. PATTERSON, H. R. STEEVES, A. DE. V. TASSIN, C. VAN DOREN and E. H. WRIGHT

**Associate:** M. F. WEEKS

**Instructors:** H. W. L. DANA, V. O. FREEBURG, L. B. HALL, W. HALLER, C. M. HOWARD, G. V. KENDALL, A. J. LATHAM, M. W. LATHAM G. R., LOMER, J. I. OSBORNE, E. STURTEVANT, and R. TAYLOR

**Lecturers:** E. H. DAVIS and D. S. FANSLER

**Assistants:** H. R. HULL and W. J. GRAHAM

**A1-A2** — English composition. 3 points. Professors ODELL, STEEVES, WRIGHT, VAN DOREN, Dr. DANA, Dr. FANSLER, Mr. OSBORNE, Mr. FREEBURG and Mr. KENDALL (Columbia College); Professor BALDWIN, Miss WEEKS, Mr. HALLER, Dr. HOWARD, Miss STURTEVANT, Miss M. W. LATHAM, Miss HULL and Mr. GRAHAM (Barnard College)

**A4-A5** — English composition. 3 points. Professors ODELL and STEEVES and Mr. OSBORNE

**B** — (Columbia College)

**B1-B2** — Advanced composition. 2 points. Professor ERSKINE

**B3-B4** — Introduction to English literature. 3 points. Professor ERSKINE, Dr. FANSLER and Mr. KENDALL

**B5-B6** — English poetry. 2 points. Dr. DANA and Mr. OSBORNE

**B7-B8** — English prose. 2 points. Mr. OSBORNE, Dr. FANSLER and Mr. KENDALL

**B9-B10** — Introduction to literature. 2 points. Professor ERSKINE and Dr. FANSLER

**B** — (Barnard College)

**B1-B2** — Epic and romance. 3 hours. 6 points. Miss STURTEVANT

**B3-B4** — Essay and poetry. 3 hours. 6 points. Mr. HALLER and Miss HULL

**B5-B6** — Survey of English literature. 3 hours. 6 points. Miss M. W. LATHAM and Mr. GRAHAM

**B7-B8** — Composition. 3 hours. 6 points. Miss STURTEVANT

**B9-B10** — Journalistic writing. 3 hours. 6 points. Dr. HOWARD

**B11-B12** — Drama. 3 hours. 6 points. Dr. HOWARD and Miss M. W. LATHAM

**B** — (School of Journalism)

**B1-B2** — A general survey of English literature up to the present time. Dr. LOMER

**1-2** — English composition. 6 points. Professor TASSIN (Columbia); Professor BREWSTER (Barnard)

**4** — Composition. 3 hours. Professor BALDWIN (Barnard)

**7-8** — Vocal training and elocution. 6 points. Professor TASSIN (Columbia and Barnard)

**11-12** — Public speaking. 6 points. Professor TASSIN (Columbia)

**15** — English versification. 2 points. Professor BRANDER MATTHEWS (Columbia)

**17-18** — English modern literature. 4 points. Professor STEEVES (Columbia)

**19-20** — American literature. 4 points. Professor BRANDER MATTHEWS (Columbia); Professor BAKER (Barnard)

**21-22** — English literature from 1780 to 1830. 6 points. Professor ODELL (Columbia)

**23-24** — English literature from 1830 to 1890. 6 points. Professor VAN DOREN (Columbia); Dr. HOWARD (Barnard)

**25-26** — English literature from 1557 to 1660. 6 points. Professor ERSKINE (Columbia); Professor TRENT (Barnard)

**Conference Course.** — For qualified students in English **25-26**, History **71-72** and Philosophy **61-62** (Columbia).

**27-28** — English literature from 1660 to 1780. 6 points. Professor ODELL (Columbia); Professor TRENT (Barnard)

**29-30** — English literature from the earliest period to the Norman conquest. 6 points. Professor AYRES (Columbia); Professor KRAPP (Barnard)

**[31-32]** — English literature from the Norman conquest to 1557. 3 hours. Professor AYRES (Columbia)]

**31** — Chaucer. 3 hours. 3 points. Professor BALDWIN (Barnard)

**32** — A survey of romances and ballads. 3 hours. 3 points. Professor GILDERSLEEVE (Barnard)

**34** — Dr. Johnson and his circle. 3 hours. 3 points. Mr. HALLER (Barnard)

**35-36** — Shakespeare. 4 points. Professor LAWRENCE (Columbia); 3 hours. 6 points. Professor WRIGHT (Barnard)

**37-38** — English prose, including fiction. 2 hours. Professor BREWSTER (Barnard)

**[39-40]** — The development of English fiction. 2 hours. Professor BRANDER MATTHEWS (Columbia)]

**[41-42]** — The development of the English drama. 2 hours. Professor ODELL (Columbia)]

**H1-H2** — Honors conference. Elizabethan and seventeenth century literature. Professor ERSKINE

**H3 or H4** — Honors conference. Eighteenth century literature. Professor VAN DOREN

**H5 or H6** — Honors conference. Literature of the romantic period. Dr. FANSLER

**H7 or H8** — Honors conference. Victorian literature. Dr. DANA

**[45-46]** — English literary criticism. 2 hours. Professor HUBBARD (Barnard)]

**201** — English composition. 2 hours. Full course. Professor BALDWIN

**205-206** — Principles of English usage. 2 hours. Two full courses. Professor KRAPP

**204** — The development of rhetorical theory. 2 hours. Full course. Professor BALDWIN

- 207-208 — History of the English language. 2 hours. Two full courses.  
Professor KRAPP
- 214 — Anglo-Saxon prose. 2 hours. Full course. Professor PATTERSON
- 215 — Anglo-Saxon prose. 2 hours. Full course. Professor AYRES
- 216 — Anglo-Saxon poetry. 2 hours. Full course. Professor KRAPP
- 218 — Beowulf. 2 hours. Full course. Professor LAWRENCE
- 225-226 — English literature, 1400-1559. 2 hours. Two full courses.  
Professor AYRES
- 227-228 — Chaucer. 2 hours. Two full courses. Professor AYRES
- 230 — Spenser. 2 hours. Full course. Professor FLETCHER
- 231-232 — English literature in the seventeenth century. 2 hours. Two full courses. Professor ERSKINE
- 233 — English literature in the eighteenth century. 2 hours. Full course.  
Professor TRENT
- 235-236 — English literature, 1798 to 1832. 2 hours. Two full courses.  
Professor THORNDIKE
- 261-262 — English prose in the eighteenth century. 2 hours. Two full courses. Professors VAN DOREN and WRIGHT
- 263-264 — English prose in the nineteenth century. 2 hours. Two full courses. Professor ODELL
- 269-270 — English literary criticism. 2 hours. Two full courses. Professor BREWSTER
- 301-302 — Seminar — Studies in American literature. 2 hours. Two full courses. Professors TRENT and VAN DOREN
- 305-306 — Seminar — Studies in Victorian literature. 2 hours. Two full courses. Professor THORNDIKE
- 307-308 — Seminar — Studies in the ballad. 2 hours. Two full courses.  
Professor LAWRENCE
- 309-310 — Seminar — Discussion of dissertations. Professors TRENT, FLETCHER, THORNDIKE, KRAPP, LAWRENCE, AYRES and WRIGHT

### Teachers College

- A1-A2 — Composition and English literature. 3 hours. Professor ABBOTT, Dr. COOK, Miss DILLER and Mr. WYLIE
- B1-B2 — Composition and literature. 3 hours. Professor ABBOTT, Dr. COOK, Miss HILL, Miss PURVIS and Miss PATRICK
- 71-72 — Nineteenth century writers. 2 hours. Professor BAKER and Miss HILL
- 75-76 — Typical forms of literature. 2 hours. Professor ABBOTT and Miss DILLER
- 77-78 — American literature. 2 hours. Dr. COOK

### Comparative Literature

- 271-272 — Medieval literature: heroic poetry and the epic. 2 hours. Two full courses. Professor LAWRENCE
- 275-276 — Dante and medieval culture. 2 hours. Two full courses.  
Professor FLETCHER
- 281-282 — The Renaissance in Europe: Introductory course. 2 hours. Two full courses. Professor FLETCHER
- 285-286 — Classicism in the seventeenth and eighteenth centuries. 2 hours. Two full courses. Dr. DANA

**289-290** — The interpretation of nature in modern literature. 2 hours. Two full courses. Professor WRIGHT

**291** — The development of the drama from the Greeks to the middle ages. 2 hours. Full course. Professor BRANDER MATTHEWS

**293** — Molière and English restoration comedy. 2 hours. Full course. Professor BRANDER MATTHEWS

**307-308** — Seminar — Relations between English and continental literatures in the sixteenth century. Two full courses. Professor FLETCHER

### Summer Session

**sA1** — Rhetoric and English composition. 2 points. Professors ODELL and NORTHUP and Dr. FANSLER

**sA2** — English composition. 2 points. Professor STEEVES and Mr. FREEBURG

**sB3** — English literature and composition. 2 points. Professor ERSKINE, Dr. FANSLER

**sB5** — English literature and composition. 2 points. Professor HOWE

**s1** — Advanced composition. 2 points. Professor BALDWIN

This course is limited to 25 students.

**s21** — English literature from 1780 to 1830. 2 points. Professor CHANDLER

**s24** — English literature from 1830 to 1890. 2 points. Professor ODELL

[**s25** — English literature from 1557 to 1660 not given in 1915]

**s27** — English literature from 1660 to 1780. 2 points. Professor HOWE

**s35** — Shakespeare. 2 points. Professor BROWN

**s7** — Technique of voice and speech, and elementary vocal expression. 2 points. Mr. DAVIS and Mr. HALLIDAY

**s11** — Public speaking. 2 points. Professor TASSIN

**s13** — Reading. 2 points. Mr. HALLIDAY

**s14** — Advanced course in reading. 2 points. Professor TASSIN

**s1b** — The technique of the short story. 3 points. Miss WILLIAMS

[**s107** — History of the English language not given in 1915]

**s129** — Anglo-Saxon. Half or full course. Professor AYRES

**s130** — Chaucer. Full course. Professor AYRES

**s203** — The college teaching of composition. Full course. Professor BALDWIN

**s231-232** — English literature in the seventeenth century. Two full courses. Professor TRENT

**s235-236** — English literature in the first half of the nineteenth century. Two full courses. Professor THORNDIKE

**s267** — American literature. Full course. Professor ERSKINE

### Comparative Literature

**s273** — Medieval literature: romances. Full course. Professor BROWN

**s289** — Main currents in literary criticism. Full course. Professor CHANDLER

### Extension Teaching

**esW1** — English grammar and composition. 2 points. Mr. DUNCAN

**esX1** — College entrance English. 2 points. Dr. S. W. PATTERSON

**esX2** — College entrance English. 2 points. Dr. S. W. PATTERSON

esY — College entrance English. 3 points. Mr. DUNCAN

es1 — Business English and commercial correspondence. 2 points. Mr.

DUNCAN

eV1-V2 — English for foreigners. 4 points. Dr. S. W. PATTERSON

eW1-W2 — English grammar and composition. 6 points. Mr. DUNCAN

esW1 — English grammar and composition. 4 points. Mr. DUNCAN

eX1-X2 — College entrance English. 6 points. Dr. GASTON

esX1-X2 — College entrance English. 4 points. Dr. S. W. PATTERSON

eY1-Y2 — College entrance English. 6 points. Mr. DUNCAN

esY — College entrance English. 3 points. Mr. DUNCAN

eZ1-Z2 — English spelling. 2 points. Mr. DUNCAN

Commercial English e1-2 — Business English and commercial correspondence. 6 points. Mr. DUNCAN

es1 — Business English and commercial correspondence. 4 points. Mr.

DUNCAN

eA1-A2 — English composition. 6 points. Dr. WOLFF, Mr. HALLER, Dr.

TAYLOR and Dr. BREWSTER

eA3-A4 — English composition. 3 points. Dr. WOLFF. Also in Bridge-

port and Jersey City, Mr. BURRILL; and in Passaic and Trenton, Dr. TAYLOR

eA8-9 — English composition. 6 points. Mr. CLARK

eB1-B2 — English literature and composition. 4 points. Dr. WOLFF

e1a-2a — English composition. Advanced. 3 points. Dr. WOLFF

e1b-2b — The short story. English composition. 6 points. Dr.

WILLIAMS and Mr. HOOKER. Also in Bridgeport, Mr. BURRILL

e1c-2c — The short story. English composition. Advanced. 8 points.

Dr. WILLIAMS

e3a-4a — Dramatic composition. 6 points. Mr. HUGHES

e5-6 — English grammar. 2 points. Dr. TAYLOR. Given in Trenton

e11a-12a — Public speaking. 4 points. Mr. PEARCE and Mr. HALLIDAY

e15-16 — English versification. 4 points. Mr. HOOKER

e17-18 — Modern literature, English and foreign. 4 points. Professor

STEEVES

e19-20 — The history of American literature. 4 points. Professor

VAN DOREN

e21-22 — English literature from 1780 to 1830. 4 points. Professor

PATTERSON. Also given in Elmhurst

e23-24 — English literature from 1830 to 1890. 4 points. Professor

TUCKER. Also given in Bridgeport, Mr. BURRILL; and in Paterson and Trenton, Dr. TAYLOR

e35a-36a — Shakespeare. 4 points. Professor TASSIN

e39-40 — The development of the English novel. 4 points. Dr. BREW-

STER

e41a-42a — Contemporary dramatic literature. 4 points. Mr. HAMIL-

TON. Also in Bridgeport, Mr. BURRILL

e43-44 — Typical forms of English literature. The lyric. 2 points.

Professor TUCKER. Also in Mount Vernon, Professor ABBOTT; in Passaic, Dr. TAYLOR; and in Jersey City, Mr. BURRILL

[e49a-50a — Sentence analysis. 1 point. Miss COOK]

[e51a-52a — English phonetics. 2 points. Professor GERIG]

[e61a-62a — Oral composition in elementary schools. 1 point. Miss COOK]

e81-82 — Survey of English literature from the Anglo-Saxon period to the present time. 4 points. Professors TRENT, FLETCHER, THORNDIKE and AYRES

e211-212 — Principles of phonetics. Mr. PIERCE

cX1-cX2 — English. 1 hour. Mr. HALLIDAY

[1-2 — Greek and Latin classics in English translation. 3 points]

Comparative literature 3-4 — Masterpieces of European literature. 3 points. Dr. DANA

**Equipment.** — The George Rice Carpenter Memorial Library, located in Room 601, Hall of philosophy, contains over 3000 volumes. The library is established and maintained by friends of the late Professor Carpenter, and is used as a departmental library for graduate students.

The Brander Matthews Dramatic Museum occupies rooms adjoining the library. Room 601 contains models of the theatres at different periods and many pictures illustrating the history of the stage. In Room 602 is a library of some 2000 volumes on the drama.

## GEOLOGY

*See introductory paragraphs, page 61*

*Professors:* A. W. GRABAU and J. F. KEMP (*Executive Officer*)

*Associate Professors:* C. P. BERKEY and D. W. JOHNSON

*Assistant Professor:* I. H. OGILVIE

*Curator:* M. O'CONNELL

*Lecturers:* — L. HATCH, R. R. MOOK and C. C. MOOK

*Assistants:* — R. S. KNAPPEN and B. HUBBARD

1-2 — General geology. *C* 2 hours, *L* 2 hours. 6 points. Professors GRABAU and BERKEY

4 — Petrography. *C* 2 hours, *L* 4 hours for two months. 2 points. Compare Mineralogy 6. Professor BERKEY

5-6 — General geology. 3 hours. 6 points. Professors KEMP, BERKEY and GRABAU and Mr. MORRIS

15 — Elementary paleontology. *C* 1 hour, *L* 2 hours. 2 points. Professor GRABAU and Assistant

19 — Physical geography. *C* 2 hours, *L* 2 hours. 3 points. Professor JOHNSON

29 — Map interpretation. 2 hours. 2 points. Professor JOHNSON

31 — General geology. 3 hours lectures, 1 afternoon laboratory or field. 4 points. Professor BERKEY and Mr. MORRIS

32 — Physiographic and applied geology. 2 hours lectures, 1 afternoon laboratory or field. — points. Professor BERKEY and Mr. MORRIS

41 — General geology. 2 lecture hours first half-year, first year for electrical engineers. Professor BERKEY and Mr. MORRIS

51-52 — Principles of geology. 2 hours. 4 points. Professors GRABAU and BERKEY

101 — Applied petrography. *C* 2 hours, *L* 3 hours. Half course. Professor BERKEY

102 — Petrography of the ores. *C* 1 hour, *L* 6 hours. Half course. Professor BERKEY

105-106 — Economic geology. 3 hours. 6 points. With an additional hour for conference. 2 full courses. Professors KEMP and BERKEY

107-108 — Invertebrate paleontology. *C* 2 hours, *L* at least 4 hours. 2 full courses. Professor GRABAU and Mr. HUBBARD

110 — Geological examinations and surveys — Field methods and organization. 2 hours. Half course. Professors KEMP and BERKEY

**112s** — Field geology — One week field work, and report upon the same, immediately at the close of the spring examinations. Half course. Professors KEMP, BERKEY, GRABAU and JOHNSON

**[119** — Physiography of the eastern United States. *C* 2 hours, *L* 4 hours. Half or full course. Professor JOHNSON]

**120** — Rocks and soils. Half course. Professor BERKEY

**121** — Physiography of the western United States. *C* 2 hours, *L* 4 hours. Half or full course. Professor JOHNSON

**151-152** — Principles of geology. *C* 2 hours, *L* 4 hours or more. 2 full courses. (51-52 with additional laboratory and library work.) Professors GRABAU and BERKEY

**175** — Field geology in paleozoic rocks of eastern North America. 2 to 4 weeks in the summer. Half or full course. Officers of the department

**201-202** — Petrology. *C* 2 hours, *L* at least 4 hours. 2 full courses. Professors KEMP and BERKEY

**205-206** — Comparative geology of North America. *C* 3 hours, 4 hours reading and laboratory. 2 full courses. Professors KEMP and GRABAU

**209-210** — Comparative geology of Europe. *C* 2 hours, 4 hours laboratory and library work. 2 half or 2 full courses. Professor GRABAU

**[211** — Phylogeny of the gastropoda. *C* 1 hour, *L* 8 hours. Full course. Professor GRABAU]

**212** — Phylogeny of the cephalopoda. *C* 1 hour, *L* 8 hours. Full course. Professor GRABAU. Omitted in 1914

**213-214** — Fossil faunas of North America. *L* 10 hours. Conference by appointment. 2 full courses. Professor GRABAU and curator

**301-302** — Paleogeography of North America. Seminar. *C* 1 hour, *L* 6 hours to 2 days. 2 full or 2 double courses. Professor GRABAU

**307-308** — Research in areal, structural, economic, or physiographic geology. 2 full or 2 double courses. Professors KEMP and BERKEY

**311-312** — Phylogeny of a special group of invertebrates. Research course. 2 full or 2 double courses. Professor GRABAU

**315-316** — Stratigraphy. Research course. 2 full or 2 double courses. Professor GRABAU

**319-320** — Physiographic geology or geography. Research course. 2 full or 2 double courses. Professor JOHNSON

**H215** — Engineering geology. Lectures, laboratory and field work. 3 hours. Full course. Professors KEMP and BERKEY

**H216** — Engineering petrography. Lectures and laboratory work. 2 hours. Half course. Professor BERKEY

### Barnard College

**B1-2** — General geology. Elementary course. *C* 2 hours, *L* 2 hours. 6 points. Professor OGILVIE, Mrs. MOOK and Miss HATCH

**B5-6** — Economic geology. 2 hours. 4 points. Professor OGILVIE and Miss HATCH

**B17-18** — Glacial geology and physiography. 1 hour. 2 points. Professor OGILVIE

**B19** — Physiographic geology. *C* 1 hour, *L* 2 hours. 2 points. Professor OGILVIE and Miss HATCH

**B20** — Historical geology. 2 or 3 points. Professor OGILVIE and Mrs. MOOK

## 116 GERMANIC LANGUAGES AND LITERATURES

**B21-22** — Paleontology. 4, 6, or 8 points. Professor OGILVIE and Mrs. MOOK

**B23-24** — Local geology of New York. 2 points. Professor OGILVIE

**B113** — Summer field course — Two weeks in the field and subsequent preparation of a report. 4 points. Professor OGILVIE

**B117-118** — Glacial geology and advanced physiography. *C* 1 hour, *L* to be arranged. Professor OGILVIE

**B123-124** — Field and laboratory work of course **23-24**. Professor OGILVIE

**B125-126** — General geology. Advanced course. Professor OGILVIE

### Summer Session

**s1-s1a** — General geology. 2 or 3 points. Professor FINLAY

**s2 or s2a** — Elementary historical geology. 3 points. Professor SHIMER and Assistant

**s106** — Economic geology. 2 or 3 points. Professor FINLAY and Assistant

**s19** — Elementary paleontology. Half course. Professor SHIMER and Assistant

**40s** — Field geology. 3 points. Mr. MORRIS

**[s119]** — Physiography of eastern United States. Half or full course. Professor JOHNSON. Not given in 1915]

**s121** — Physiography of western United States. Half or full course. Given in 1915. Professor JOHNSON and Mr. BROWN

**s175-175a** — Stratigraphic geology. Field work in New York State. 2 or 4 points. Half or full course. Professor GRABAU (not given in 1915)

### Extension Teaching

**e1** — General geology — Introductory. 3 points. Dr. REEDS

**e2** — Historical geology. 3 points. Dr. REEDS

**e0** — Physiography. Miss HATCH

The following courses in paleobotany are offered at the New York Botanical Garden by Dr. Arthur Hollick:

General paleobotany — Developmental history and structure of the fossil flora of some selected locality. Laboratory and museum.

Cretaceous flora of eastern North America — Collection and determination of specimens from some station with attention to stratigraphic relations. Field and laboratory.

Equipment. — The department has ample laboratories, a departmental library and reading room, and a full equipment for its several lines of work. For details see the separately printed *Announcement*.

The paleobotanical library and collections of Columbia University have been deposited at the New York Botanical Garden.

## GERMANIC LANGUAGES AND LITERATURES

*See introductory paragraphs, page 61*

*Professors:* W. H. CARPENTER, W. A. HERVEY and CALVIN THOMAS (*Executive Officer*)

*Associate Professors:* E. W. BAGSTER-COLLINS, W. A. BRAUN, and A. F. J. REMY

*Assistant Professors:* F. W. J. HEUSER and H. H. L. SCHULZE



*Instructors:* G. A. BETZ, J. M. GRAY, J. S. HASKELL, and A. W. PORTERFIELD

*Lecturers:* T. BÖHME and L. C. VAN NIPPEN

**German.** — **A1-A2** — Elementary course. 3 hours. 6 points. Mr. GRAY and Dr. BÖHME (Columbia); (designated **1-2**) Drs. PORTERFIELD, HASKELL, and BETZ (Barnard); Mr. M. G. BACH (Teachers College)

**B1-B2** — Intermediate course. 3 hours. 6 points. Professor SCHULZE, Mr. GRAY and Dr. BÖHME (Columbia); (designated **3-4**) Drs. PORTERFIELD, HASKELL and BETZ (Barnard); Mr. M. G. BACH (Teachers College)

**B4** — Intermediate course. Equivalent to **B1**. 3 hours. 3 points. Dr. BÖHME

**B5** — Intermediate course. Equivalent to **B2**. 3 hours. 3 points. Dr. BÖHME

**E1-E2** — Reading in science. 3 hours. 6 points. Professor SCHULZE and Mr. GRAY

**H1-H2** — Honors conference. 2 hours. 4 points. Professors HEUSER, HERVEY and SCHULZE

**H3-H4** — Honors conference. 2 hours. 4 points. Professors HEUSER, THOMAS and HERVEY

**J1-J2** — Journalistic German. Intermediate course. 3 hours. 6 points. Professor SCHULZE

**J3-J4** — Journalistic German. Advanced. 3 hours. 6 points. Professor SCHULZE

**1-2** — Speaking and writing German. Elementary course. 2 hours. 4 points. Mr. GRAY

**3-4** — Speaking and writing German. Intermediate course. 2 hours. 4 points. Professor HEUSER (Columbia); (designated **3a-4a**) Drs. HASKELL and BETZ (Barnard)

**5-6** — Selected works of Goethe, Schiller, and Lessing. 3 hours. 6 points. Professors HERVEY and HEUSER and Mr. GRAY (Columbia); Professor BRAUN, Drs. PORTERFIELD and BETZ (Barnard)

**7** — Modern German prose. 3 hours. 3 points. Dr. PORTERFIELD (Barnard)

**8** — Modern German prose. 3 hours. 3 points. Dr. BÖHME (Columbia); Dr. PORTERFIELD (Barnard)

**9-10** — Advanced practice course. 2 hours. 4 points. Professor BRAUN (Barnard)

**11-12** — Composition and colloquial practice. Advanced course. 2 hours. 4 points. Professor HEUSER (Columbia). (Colloquial practice only) Dr. HASKELL (Barnard)

**13-14** or **13a-14a** — Nineteenth-century drama, Kleist and Grillparzer. 2 or 3 hours. 4 or 6 points. Professor HEUSER

[**15-16** or **15a-16a** — Nineteenth-century drama, Hebbel and Hauptmann]

**17-18** — Life and works of Goethe. 3 hours. 6 points. Professor HERVEY

[**19-20** — Life and works of Schiller. 3 hours. 4 points. Professor HERVEY]

**21** — Nineteenth-century fiction, Keller and Storm. 2 hours. Professor SCHULZE

**22** — Nineteenth-century fiction, Meyer, Freytag and Sudermann. 2 hours. 4 points. Professor SCHULZE

[23 — Readings in the history of German civilization. 3 hours. 6 points. Dr. BÖHME]

[21–22 — Goethe. Life and selected works. 3 hours. 6 points. Dr. HASKELL (Barnard)]

23–24 — Schiller. Life and selected works. 3 hours. 6 points. Dr. HASKELL (Barnard)

25–26 — Selected dramas of the nineteenth century. 2 hours. 4 points. Professor BRAUN (Barnard)

27–28 — Romantic fiction and poetry. 3 hours. 6 points. Dr. PORTER-FIELD (Barnard)

37–38 — History of German literature. 2 hours. 4 points. Professor BRAUN (Barnard)

39–40 — Goethe's *Faust*. First and second parts. 2 hours. 4 points. Professor THOMAS (Barnard)

53–54 — Educational German. 2 hours. 4 points. Professor BAGSTER-COLLINS (Teachers College)

61 and 101 — History of German literature from the earliest times to the Reformation. 3 hours. 3 points or full course. Professor REMY

62 and 102 — History of German literature from the Reformation to the nineteenth century. 3 hours. 3 points or full course. Professor THOMAS

63–64 and 103–104 — Goethe's *Faust*. First and second parts. 2 hours. 4 points or two half courses. Professor HERVEY

105 — German literature in the nineteenth century. 2 hours. Half course. Professor THOMAS

106 — Deutsche Literatur seit der Gründung des neuen Reichs. 2 hours. Half course. Dr. BÖHME

107 — History of the German language. 2 hours. Half course. Professor REMY

108 — The German of to-day. 2 hours. Half course. Professor REMY

109 — Das neuere deutsche Drama mit besonderer Rücksicht auf die Einwirkung Ibsens. 2 hours. Half course. Professor HEUSER

112 — Die Sagenwelt Richard Wagners. 2 hours. Half course. Professor REMY

113–114 — Middle High German literature. 3 hours. Two full courses. Professor HERVEY

116 — Germanische Mythologie. 2 hours. Half course. Professor REMY

144 — Modern German syntax. 2 hours. Half course. Professor BAGSTER-COLLINS

Education 127a–128a — The teaching of German in secondary schools. Two half courses. Professor BAGSTER-COLLINS (Teachers College)

Education 127b–128b — Phonetics. Lectures and recitations. 2 hours. Two half courses. Professor BAGSTER-COLLINS

201 — Proseminar. Lessing. Full course. Professor THOMAS

202 — Proseminar. Goethe. Full course. Professor THOMAS

203 — Proseminar. Schiller. Full course. Professor HERVEY

204 — Proseminar. Grillparzer. Full course. Professor HEUSER

[207 — Proseminar. Hebbel. Full course. Professor HEUSER]

[208 — Proseminar. Gerhart Hauptmann. Full course. Professor HEUSER]

[209 — Proseminar. Heinrich von Kleist. Full course. Professor HEUSER]

210 — Proseminar. Heine. Full course. Professor HERVEY

Scandinavian. — 221 — Elementary Icelandic. Full course. Professor REMY

222 — Advanced Icelandic. Full course. Professor REMY

Gothic. — 227 — Gothic. Full course. Professor REMY

[Philology. — 206 — Comparative philology of the Germanic dialects. Full course. Professor REMY]

Seminar. — 301 — The Grail legend in medieval German poetry. Full course. Professor REMY

302 — Herders Ideen zur Geschichte der Menschheit. Full course. Professor THOMAS

Dutch. — 131 — The Dutch language. 2 hours. Half course. Mr. VAN NOPPEN

132 — Recent Dutch literature. 2 hours. Half course. Mr. VAN NOPPEN

[133 — Dutch literature of the Renaissance, with special reference to Vondel. 2 hours. Half course. Mr. VAN NOPPEN]

134 — Holland in the sixteenth century, with special reference to Dutch influence in New York and New Jersey. 2 hours. Half course. Mr. VAN NOPPEN

### Summer Session

esA1 — Elementary course. 2 points. Mr. EYSTER

esA2 — Elementary reading and oral practice. 2 points. Mr. EYSTER

sA1 — Elementary course. 2 points. Messrs. PALMBLAD, GRAY and SCHOLZ

sA2 — Elementary reading and oral practice. 2 points. Messrs. PALMBLAD and GRAY

sA3 — Supplementary course. 2 points. Professor DANTON and Mr. BACH

sB1 — Intermediate course. First part. 2 points. Dr. BÖHME

sB2 — Intermediate course. Second part. 2 points. Dr. BETZ

sE1 — Readings in science. 3 points. Professor SCHULZE

s3 — Composition and oral practice. Intermediate course. First part. 2 points. Mr. BACH

s4 — Composition and oral practice. Intermediate course. Second part. 2 points. Mr. SCHOLZ

s5-6 — Introduction to the classics. 4 points. Dr. PORTERFIELD

s11 — Composition and oral practice. Advanced course. First part. 2 points. Dr. BETZ

s12 — Composition and oral practice. Advanced course. Second part. 2 points. Professor SCHULZE

s101 — History of German literature from the earliest times to the Reformation. Half course. Professor BRAUN

s102 — History of German literature from the Reformation to the rise of the Romantic school. Half course. Professor DANTON

s103-104 — Goethe's *Faust*. Half course. Professor BRAUN

s105 — German literature in the nineteenth century, to the founding of the New Empire. Half course. Dr. PORTERFIELD

s106 — Deutsche Literatur seit der Gründung des neuen Reichs. Half course. Dr. BÖHME

[s107 — History of the German language. Half course]

s108 — The German language of to-day. Half course. Professor REMY

[s113 — Middle High German. Full course. Not given in 1915]

[s227 — Gothic. Full course. Not given in 1915]

s228 — Old High German. Full course. Professor REMY

- s141 — Phonetics. Half course. Professor BAGSTER-COLLINS  
 s145 — Practicum in modern German usage and advanced syntax. Half course. Professor HEUSER  
 s201 — Proseminar. Lessing. Full course. Professor HERVEY  
 [s202 — Proseminar. Goethe. Full course]  
 [s203 — Proseminar. Schiller. Full course]  
 s204 — Proseminar. Grillparzer. Full course. Professor HEUSER

### Extension Teaching

- eA1-A2 — Elementary course. 6 points. Mr. EYSTER, Mr. WERNER and Mr. WINFREY  
 eA3-A4 — Elementary course. Equivalent to eA1. 3 points. Mr. M. G. BACH  
 eA5-A6 — Elementary course. Equivalent to eA2. 3 points. Mr. M. G. BACH  
 eA8 — Elementary course. Equivalent to eA1. 3 points. Mr. REICHLING and Mr. WINFREY  
 eA9 — Elementary course. Equivalent to eA2. 3 points. Mr. REICHLING and Mr. WINFREY  
 eB1-B2 — Intermediate course. 6 points. Dr. PORTERFIELD and Mr. WERNER  
 eB3-B4 — Shorter intermediate course. 4 points. Professor HAUCH  
 eB6 — Intermediate course. Equivalent to eB1. 3 points. Mr. REICHLING  
 eB7 — Intermediate course. Equivalent to eB2. 3 points. Mr. REICHLING  
 eE1-E2 — Readings in science. 6 points. Professor SCHULZE  
 eE4 — Readings in science. Equivalent to eE1. 3 points. Mr. GRAY  
 eZ1 — Practice in writing. 2 points. Professor HAUCH  
 e3-4 — Composition and oral practice. Intermediate course. 1½ points each half-year. Dr. BETZ  
 e5a-6a — Introduction to the classics. 4 points. Professor HERVEY  
 e11-12 — Composition and oral practice. Advanced. 3 points. Professor HAUCH  
 e101-102 — History of German literature from 800 to 1800 A.D. Two half courses. Professor BRAUN  
 e103-104 — Goethe's *Faust*. Two half courses. Professor THOMAS  
 [e145-146 — Practicum in modern German usage and advanced syntax. Two half courses. Professor HEUSER]  
 e147-148 — Deutsche Stillübungen und Wortstudien. Two half courses. Professor HEUSER  
 eX1 — Elementary oral drill. Mr. ALFRED REMY  
 eX2 — Elementary oral drill. Mr. ALFRED REMY  
 eY1-eY2 — Intermediate oral drill. Dr. ROESSLER  
 Equipment. — The University Library offers excellent facilities for the study of German, both on the literary and the linguistic side. The Scandinavian collection contains a good representation of the ancient saga and poetical literature, and most of the eminent writers of modern Norway, Denmark, and Sweden. The Holland Society library, deposited with the University in 1901, contains a considerable collection of books and pamphlets in the Dutch language from all periods.

The Library has sets and the current numbers of all the important periodicals which deal with Germanic literature and Germanic and general philology. It has also sets of periodicals no longer published, and a large collection of the transactions and publications of the learned societies of America and Europe.

A reference library of 2000 volumes, containing the most important subsidia for the critical study of the Germanic languages and literatures and independent of the main collection in the University Library, is placed in a room adjacent to the lecture-room and offices of the department in Philosophy Hall. A similar library of about 500 volumes is maintained in Hamilton Hall for the use of advanced college students.

The income of the Carl Schurz Library Fund (\$10,000), contributed by citizens of New York in commemoration of the seventieth birthday of Carl Schurz, is, by the terms of the gift, devoted in perpetuity to the purchase of books in the field of the German language and literature.

For the Carl Schurz Fellowship in the German Language and Literature, see index.

**Deutsches Haus.**—The Deutsches Haus at 419 West 117th Street contains a good working library of some 3000 volumes relating to contemporary German literature, a reading-room where the more important German journals are accessible to students, and a bureau of information concerning the educational interrelations of Germany and the United States. It also serves as the residence of the Kaiser Wilhelm Professor during his stay in New York and as headquarters of the Germanistic Society. The director is Professor Wilhelm A. Braun.

**Germanic Club.**—The Germanic Club is an organization founded in 1902 for the purpose of reviewing and discussing important contributions to recent scholarship in the Germanic field. The Club consists of the officers, fellows, and scholars of the department. Meetings are held monthly.

**Deutscher Verein.**—The Deutscher Verein of Columbia University, founded in 1898, is an association of the students and instructors of the University who are interested in the study of the German language and literature, and in the acquisition of a more intimate knowledge of Germany, of German institutions, and of the German people than is furnished by academic study alone. Meetings are held bi-weekly.

## GREEK (see page 85)

## GYNECOLOGY

*See introductory paragraphs, page 61*

*Professor:* E. B. CRAGIN (*Executive Officer*)

*Professors of Clinical Gynecology:* P. F. CHAMBERS, F. R. OASTLER, and H. C. TAYLOR

*Associate:* W. WARD

*Instructors:* C. I. PROBEN, G. H. RYDER, P. H. WILLIAMS and S. SWIFT

*Clinical Assistants:* R. W. LOBENSTINE, A. W. ROFF, E. C. LYONS, JR., D. R. AYRES, and R. C. VAN ETTEN

Courses 211-212, 213-214, and 215-216 are open to graduates in medicine

201—Recitations and demonstrations in gynecology. 1 hour. Dr. WARD

202—The principles and practice of gynecology. 2 hours. Professor CRAGIN

**203-204** — Clinic in operative gynecology. (Sloane Hospital for Women) 4 hours. Professor CRAGIN

**205-206** — Demonstration of patients convalescing from gynecological operations and of specimens removed. (Sloane Hospital for Women) 6 hours. Dr. SWIFT

**207-208** — Practical instruction in gynecological diagnosis. (Vanderbilt Clinic) 3 hours. Drs. WARD, PROBEN, RYDER and WILLIAMS

**209-210** — Practical instruction in the diagnosis and treatment of venereal diseases in women. (Bellevue Hospital) Dr. LOBENSTINE

**211-212** — Clinic in operative gynecology. (Lincoln Hospital) 1 hour. Professor OASTLER

**213-214** — Clinic in operative gynecology. (Woman's Hospital) 1 hour. Professor CHAMBERS

**215-216** — Clinic in operative gynecology. (Roosevelt Hospital) 1 hour. Professor TAYLOR

## HISTORY

*See introductory paragraphs, page 61*

*Professors:* G. W. BOTSFORD, W. A. DUNNING (*Executive Officer*), H. JOHNSON, H. L. OSGOOD, J. H. ROBINSON, W. R. SHEPHERD, J. T. SHOTWELL and W. M. SLOANE

*Associate Professors:* D. S. MUZZEY and C. HAYES

*Assistant Professors:* R. L. SCHUYLER and B. B. KENDRICK

*Associate:* E. J. PUTNAM

*Instructors:* D. R. FOX, M. A. HUTTMANN, P. T. MOON, and A. P. EVANS

*Assistants:* I. MCKENZIE and A. P. N. WALLER

**A1-A2** — A survey of modern European history. 3 hours. 6 points. Professors HAYES, SCHUYLER, KENDRICK, Mr. FOX, Mr. MOON and Mr. EVANS (Columbia College)

**A1-A2** — Epochs of European history. 3 hours. 6 points. Professor MUZZEY and Dr. HUTTMANN (Barnard College)

**A4-A5** — 3 hours. 6 points. Mr. EVANS (Columbia College)

**A7-A8** — Foundations of European civilization. 3 hours. 6 points. Mr. EVANS (Columbia College)

**A9-A10** — A survey of American history. 3 hours. 6 points. Professor SCHUYLER and Mr. FOX (Columbia College)

**H1-H2** — Honors conference. Elementary. 4 points. Professor SCHUYLER

**H3-H4** — Honors conference. Advanced. 4 points. Professor HAYES

**JA1-JA2** — A survey of modern European History. 3 hours. 6 points. Professor KENDRICK

**J1-J2** — Nationalism and democracy in Western Europe since 1848. 3 points each half-year. Professor HAYES

**J3-J4** — A Survey of the history of the United States. 3 points each half-year. Professor KENDRICK

**J5-J6** — Contemporary events. 2 points each half-year. Mr. MOON

**[3-4** — History of Greece. 3 hours. 6 points. Professor BOTSFORD (Barnard College and Columbia College)]

**5-6** — The Roman empire. 3 hours. 6 points. Professor BOTSFORD (Barnard College and Columbia College)

**[7-8** — The breakup of the Roman empire and the Renaissance. Mr. EVANS (Columbia College)]

**9-10** — Modern European history, with special reference to the development of France. 2 hours. 4 points. Professor MUZZEY (Barnard College)

**12** — The formation of the English constitution. 3 points. Professor SCHUYLER (Columbia College)

**11-12** — English history, with special reference to the history of continental Europe. 3 hours. 6 points. Dr. HUTTMANN (Barnard)

**13-14** — History of the United States to 1870. 2 hours. 4 points. Professor SHEPHERD (Barnard College)

**14** — Political history of the United States, 1848-1877. 3 points. Professor DUNNING (Columbia College)

**15** — Recent American history since 1877. 6 points. Professor KENDRICK (Columbia College)

**15-16** — History of the United States since 1870 with special reference to economic and social conditions. 2 hours. 4 points. Professor MUZZEY (Barnard)

**19-20** — Contemporary European history. 3 hours. 6 points. Professor SHOTWELL and Miss MCKENZIE (Barnard College)

**19-20** — Contemporary events. 3 hours. 6 points. Mr. MOON (Columbia College)

**53-54** — Nationalism and democracy in Western Europe since 1848. 3 points each half-year. Professor HAYES (Columbia College)

**55** — Origins of European society. 3 points. Professor SHOTWELL and Mr. FOX (Columbia College)

**56** — Origin of nationalism and democracy in modern Europe. 3 points. Professor SHOTWELL and Mr. FOX (Columbia College)

**69-70** — The expansion of Europe. 3 points each half-year. Professor SHEPHERD (Columbia College)

**71-72** — The history of the intellectual class in Europe. 3 points each half-year. Professor ROBINSON and Mr. FOX (Columbia College)

**73** — Greek and Roman theories of life and conduct. 2 hours. 2 points. Mrs. PUTNAM (Barnard College)

[**117-118** — History of Greece to the beginning of the age of Pericles. 2 full or 2 half courses. Professor BOTSFORD]

**119-120** — The Roman empire, political, social and intellectual. 2 full or 2 half courses. Professor BOTSFORD

**121-122** — The history of the intellectual class in Europe. 2 hours. 2 full courses. Professor ROBINSON

**121-122** — The history of the intellectual class in Europe. 4 hours. 6 points. Professor ROBINSON and Dr. HUTTMANN (Barnard)

[**125-126** — The history of England to 1660]

**127** — Economic history. 2 hours. Full or half course. Professor SIMKHOVITCH

[**151** — European history, 1815-1848. Full or half course. Professor SLOANE]

**153** — Contemporary European history since 1848. 2 hours. Full or half course. Professor SLOANE

**155** — The origins of European society. 2 hours. Full course. Professor SHOTWELL

**156** — Nationalism and democracy in modern Europe. 2 hours. Full course. Professor SHOTWELL

**155-156** — European social history. 3 hours. 6 points. Professor SHOTWELL and Miss MCKENZIE (Barnard)

**157-158** — The history of England in the seventeenth, eighteenth and nineteenth centuries. 2 hours. 2 full or half courses. Professor SCHUYLER

**160** — Political and social history of the United States since 1876. 2 hours. Full course. Professor KENDRICK

**169** — The expansion of Europe: first phase. 3 hours. Full or half course. Professor SHEPHERD

**170** — The expansion of Europe: second phase. 3 hours. Full or half course. Professor SHEPHERD

**193-194** — The teaching of history in secondary schools. 2 half courses. 2 hours. Professor JOHNSON (Teachers College)

**195** — The supervision of history in elementary schools. 2 hours. Half courses. Professor JOHNSON

**196** — The teaching of history in normal schools. 2 hours. Half course. Professor JOHNSON

**213-214** — History of Greece from the age of Pericles to the Roman conquest. 2 hours. 2 full or half courses. Professor BOTSFORD

[**215-216** — History of Rome to the end of the republic. 2 full or 2 half courses. Professor BOTSFORD]

**217-218** — Special studies in the history of Greece and Rome. 2 full courses. Professor BOTSFORD

[**219** — Later Roman empire and early middle ages. Full or half course. Professor SHOTWELL]

**221** — Advanced course in the intellectual history of Europe during the Greek, Roman and Patristic periods. 2 hours. Full course. Professor ROBINSON

**223** — Primitive institutions in Europe. 2 hours. Full course. Professor SHOTWELL

**226** — Europe in the twelfth and thirteenth centuries. 2 hours. Full course. Professor SHOTWELL

[**227** — The Protestant revolt. Full course. Professor ROCKWELL]

**228** — The reforms of the French revolution. 2 hours. Full course. Professor MUZZEY

**229** — General church history. Period I: The ancient church to 590 A.D. 2 hours. Full course. Professor McGIFFERT

**230** — General church history. Periods II and III: The medieval and modern church, 590-1789. 2 hours. Full course. Professor ROCKWELL (Union Theological Seminary)

[**231-232** — History of Christian thought. 2 double courses. Professor McGIFFERT]

**233** — Constitutional history of the Christian church. 2 hours. Full course. Professor ROCKWELL (Union Theological Seminary)

[**234** — Medieval ecclesiastical institutions. Full course. Professor ROCKWELL]

**235** — History of religion in the Hellenistic period. 2 hours. Full course. Mr. TRYON (Union Theological Seminary)

**236** — Early Christianity and contemporary religion. 2 hours. Full course. Mr. TRYON (Union Theological Seminary)

[**238** — Readings in the early fathers. Full course. Mr. TRYON]

**239** — American Church History. 2 hours. Full course. Professor ROCKWELL (Union Theological Seminary)

[**241** — Medieval church history, 590-1517. Full course. Professor ROCKWELL]



[242 — English church history before the Reformation. Full course. Professor ROCKWELL]

244 — English church history (Reformation and Post-Reformation periods). Full course. Professor MCGIFFERT (Union Theological Seminary)

[245 — European church history in the nineteenth century. Full course. Professor ROCKWELL]

247 — The church during the first three centuries. 3 hours. Full or half course. Professor JENKS (General Theological Seminary)

248 — The church from the council of Nicæa to Charlemagne. 3 hours. Full or half course. Professor JENKS (General Theological Seminary)

249 — The church of England. 3 hours. Full or half course. Professor JENKS (General Theological Seminary)

250 — The church from Charlemagne to modern times. 3 hours. Full or half course. Professor JENKS (General Theological Seminary)

252 — The elements of Latin paleography with reference to the use of historical sources. 2 hours. Half course. Professor ROCKWELL (Union Theological Seminary)

253 — The history and sources of European history. 2 hours. Full or half course. Professor SHOTWELL

[261 — American colonial history during the seventeenth century. Double course. Professor Osgood]

263-264 — American colonial history during the eighteenth century. 2 hours. 2 full courses. Professor Osgood

267 — The United States from 1850 to 1865. 2 hours. Full or half course. Professor DUNNING

268 — The United States after the Civil War. 2 hours. Full or half course. Professor DUNNING

270 — Slavonic institutions. 2 hours. Full course. Professor PRINCE

271 — Spanish and French colonization in the United States. 2 hours. Full course. Professor SHEPHERD

[273 — Spanish colonization and the westward movement in the United States. 2 hours. Professor SHEPHERD]

275 — Colonial Latin America. 2 hours. Full or half course. Professor SHEPHERD

276 — The Latin-American republics. 2 hours. Full or half course. Professor SHEPHERD

279 — General history of political theories, ancient and medieval. 2 hours. Full or half course. Professor DUNNING

280 — General history of modern political theories. 2 hours. Full or half course. Professor DUNNING

[281 — American political philosophy before 1850. Full course. Professor DUNNING]

[282 — American political philosophy since 1850. Full course. Professor DUNNING]

293-294 — Practicum. 2 hours. 2 full courses. Professor JOHNSON (Teachers College)

295 — The literature of American history. 2 hours. 2 half courses. Professor JOHNSON (Teacher's College.)

311-312 — Seminar in Greek and Roman history. 2 hours. 2 full courses. Professor BOTSFORD

[313-314 — Seminar in church history. 2 full courses. Professor MCGIFFERT]

**315** — Historical bibliography, with special reference to medieval and ecclesiastical sources. 2 hours. Full course. Professor ROCKWELL (Union Theological Seminary)

**316** — Historical training class. 2 hours. Full course. Professor ROCKWELL (Union Theological Seminary)

**317-318** — Seminar in church history: The history and sources of ecclesiastical history. 2 hours. 2 full courses. Professor ROCKWELL and Mr. TRYON (Union Theological Seminary)

**319-320** — Seminar in the history of religious thought. 2 hours. 2 full courses. Professor MCGIFFERT

**322** — Development of rationalism in Europe. 2 hours. Full course. Professor ROBINSON

**356** — Seminar in the social history of England during the industrial revolution. 2 hours. Full course. Professor SHOTWELL

**357 (358)** — The work of Napoleon. One full course or 2 full courses. 4 hours. Professor SLOANE

**361** — The American revolution. 4 hours. Double course. Professor OSGOOD

**363-364** — Seminar in American colonial history. 1 hour. Full course. Professor OSGOOD

**365 (366)** — European politics and the war of 1812. 4 hours. One full course or 2 full courses. Professor SLOANE

**367-368** — Seminar in later United States history. 2 hours. 2 full courses. Professor DUNNING

**370** — Colonial influence on European life and thought. 2 hours. Full course. Professor SHEPHERD

[**372** — The growth of world consciousness. Full course. Professor SHEPHERD]

### Summer Session

sX1 — American history. 2 points. Mr. HILL

sX2 — Ancient history. 2 points. Mr. HILL

sA1 — The foundations of modern Europe. 3 points. Professor KENDRICK

sA2 — Modern and contemporary European history. 3 points. Mr. Fox

s1 — The foundations of modern Europe. 2 points. Professor KENDRICK

s2 — Modern and contemporary European history. 3 points. Dr. HUMPHREY

s7 — Foundations of European civilization. 2 points. Dr. HUMPHREY

s9 — A survey of American history to 1789. 2 points. Mr. Fox

s101 — The Orient and early Greece. Full course. Professor MAGOFFIN

s105 — Rome to the end of the republic. Full course. Professor MAGOFFIN

s111 — The Middle Ages: political and social. Full course. Professor MUZZEY

s123 — The Protestant revolt and the wars of religion (1517-1648). Full course. Professor Ogg

s125 — The old regime, the French revolution and the work of Napoleon. Full course. Professor MUZZEY

s126 — European history, 1815-1870. Full course. Dr. SHAPIRO

s127 — European history since 1870. Full course. Professor KREHBIEL

s131 — Formation and development of the English constitution to the

lose of the seventeenth century. Full course. Professor SCHUYLER

- s134 — The British empire. Full course. Professor SCHUYLER  
 s142 — The United States, 1815–1850, with special reference to the development of the west. Full course. Professor LINGLEY  
 s144 — Recent history of the United States. Full course. Professor LINGLEY  
 s147 — Iberian America, its settlement and its intellectual, social and industrial development. Full course. Mr. GOLDSMITH  
 s156 — Origins of nationalism and democracy in modern Europe. Full course. Professor SHOTWELL  
 s160 — Nationalism and democracy in Europe since 1870. Full course. Professor HAYES  
 s169 — The expansion of Europe to the close of the eighteenth century. Full course. Professor OGG  
 s255 — Methods of historical study. Full course. Dr. SHAPIRO  
 s327 — Seminar in recent European history. Full course. Professor KREHBIEL

### Extension Teaching

- eX1 — American history. 3 points. Mr. HILL  
 eX2 — American history. 3 points. Mr. HILL  
 eX3 — Ancient history. 3 points. Mr. HILL  
 eX4 — Ancient history. 3 points. Mr. HILL  
 eA1 — The foundations of modern Europe. 3 points. Professor KENDRICK and Mr. HILL  
 eA2 — Modern and contemporary history. 3 points. Professor KENDRICK and Mr. HILL  
 eA9 — The formation of the United States. 3 points. Mr. FOX  
 eA10 — The development of the American nationality. 3 points. Mr. FOX  
 e11–12 — The history of England. 4 points. Professor SCHUYLER  
 e19–20 — Contemporary events. 4 points. Mr. MOON  
 e104 — The political and social evolution of modern Turkey and Egypt. Half course. Professor GOTTHEIL  
 e104a — Course e104 supplemented by assigned readings and reports. Full course.  
 e125–126 — History of the Slavonic nations. Two half courses. Professor PRINCE  
 e145–146 — Social and industrial history of the United States. Two half courses. Mr. GAMBRILL  
 e149–150 — The French revolution and the Napoleonic era. Two half courses. Professor MUZZEY  
 e153 — Nationalism and democracy in western Europe, 1848–1870. Half course. Professor HAYES  
 e154 — Social politics in western Europe since 1870. Half course. Professor HAYES  
 e155 — The origins of European society. Half course. Professor SHOTWELL  
 e156 — Social and industrial history of modern England. Half course. Professor SHOTWELL  
 e177–178 — Latin America. Two half courses. Professor SHEPHERD  
 e177a–178a — Course e177–178 supplemented by assigned readings and reports. Two full courses. Professor SHEPHERD

**Equipment.** — The University Library contains many of the great published collections for the study of ancient, medieval, and modern history. The special library of history and political science numbers upwards of 150,000 volumes. The great libraries of New York, Astor, Lenox, and Tilden foundations, those of the New York and Long Island Historical Societies, and of the Bar Association are, under certain conditions, also accessible to students. Fuller information as to courses and opportunities for historical work is given in the current *Announcement of the Division of History, Economics, and Public Law*, which may be obtained by applying to the Secretary of the University. Under the auspices of the Academy of Political Science, to which advanced students are eligible as members, opportunities are given for the discussion of questions of interest as presented in papers by specialists.

## HYGIENE AND PREVENTIVE MEDICINE

*Associate:* W. BENSEL, M.D.

**202** — Hygiene and preventive medicine. 2 hours. Dr. BENSEL

**Indo Iranian** (see page 145)

## JOURNALISM

*See introductory paragraphs, page 61*

*Professor:* T. WILLIAMS

*Associate Professor:* F. MATTHEWS

*Associates:* R. C. E. BROWN, R. E. MACALARNEY, E. E. SLOSSON

**1** — History and principles of the inorganic sciences. 3 hours. 3 points. Dr. BARRY

**2** — History and principles of the biological sciences. 3 hours. 3 points. Professor CRAMPTON

**A1-A2** — Practice in writing newspaper supplement articles and others covering the miscellaneous needs of a newspaper. 3 hours. 3 points. Professor PITKIN and Mr. BROWN

**B1-B2** — Practice course in special writing. 3 hours. 3 points. Professor PITKIN

**31-32** — Essentials in newspaper technique. 3 hours. 3 points. Professor FRANKLIN MATTHEWS

**33** — Social and administrative statistics. 3 hours. 3 points. Professor CHADDOCK

**34** — The modern world. 3 hours. 3 points. Dr. SLOSSON

**41-42** — Reporting and interviewing. 3 hours. 3 points. Mr. MACALARNEY

**43-44** — Handling and heading copy. 3 hours. 3 points. Professor F. MATTHEWS

**131-132** — Modern European literature. 3 hours. 3 points. Professor CUNLIFFE

**141-142** — History of journalism. 3 hours. 3 points. Professor WILLIAMS

**143-144** — Elements of law. 2 hours. 2 points. Professor GIFFORD

**145-146** — International relations. 2 hours. 2 points. Professor WILLIAMS

**Equipment.** — In the Journalism Building the Department is provided with ample space for its lecture rooms, laboratories and library.

The Library of about 5000 books and 1000 bound newspapers occupies the entire second floor of the building. There is also a reading room especially strong in sociology, economics, and modern European literature. In the newspaper reading room a hundred daily papers, American and foreign, are on file. There is also a collection of about 400,000 newspaper clippings.

Lectures by distinguished journalists and public men form part of the instruction on which all undergraduate students will be examined.

### LATIN (see page 85)

## LAW

*See introductory paragraphs, page 61*

### PRIVATE LAW

*Professors:* N. ABBOTT, F. M. BURDICK, G. F. CANFIELD, R. W. GIFFORD, W. D. GUTHRIE, G. W. KERCHWEY, J. B. MOORE, H. S. REDFIELD, MUNROE SMITH, H. F. STONE (*Executive Officer*), and C. T. TERRY

*Associate Professors:* J. E. REYNOLDS and T. R. POWELL

*Lecturers:* H. N. ARNOLD, G. GLENN

*Assistant:* F. P. WHITAKER

- 2 — Business law. 2 hours. Mr. ROGERS
- 101-102 — Contracts. 4 hours. Professor TERRY
- 103 — Criminal law. 3 hours. Professor GIFFORD
- 107 — Pleading and practice I. 3 hours. Professor REDFIELD
- 108 — Real property I. 4 hours. Professor ABBOTT
- 109 — Personal property I. 2 hours. Professor STONE
- 110 — Torts. 4 hours. Professor BURDICK
- 111 — American constitutional law I. 1 hour. Professor GUTHRIE
- 201 — Agency. 3 hours. Professor GIFFORD
- 202 — Carriers. 3 hours. Professor REYNOLDS
- 205 — Domestic relations and the law of persons. 2 hours. Mr. MEDINA
- 206 — Bankruptcy and insolvency. 2 hours. Mr. GLENN
- 207 — Equity I. 2 hours. Professor ABBOTT
- 208 — Trusts. 4 hours. Professor STONE
- 219 — Negotiable paper. 3 hours. Professor BURDICK
- 211 — Insurance. 2 hours. Mr. GLENN
- 213 — Pleading and practice II. 4 hours. Professor REDFIELD
- 215 — Real and personal property II. 2 hours. Professor ABBOTT
- 216 — American constitutional law II. 2 hours. Professor POWELL
- 219 — Quasi contracts. 3 hours. Professor ABBOTT
- 219-220 — Sales of personal property. 4 hours. Professor BURDICK.
- Institutes of Roman law. 4 hours. Professor MUNROE SMITH
- 221-222 — Corporations. 2 hours. Professor CANFIELD
- 223 — Equity II. 3 hours. Professor STONE
- 225 — Evidence. 4 hours. Professor GIFFORD
- 228 — New York trusts and perpetuities. 2 hours. Professor CANFIELD
- 229 — Partnership. 3 hours. Professor BURDICK
- 230 — Mortgages. 3 hours. Professor STONE

## 130 PUBLIC LAW AND COMPARATIVE JURISPRUDENCE

- 231** — Pleading and practice III. 3 hours. Professor REDFIELD  
**232** — Suretyship. 2 hours. Professor ABBOTT  
**233-234** — Real and personal property III. 3 hours. Professor ABBOTT  
Wills and administration. 3 hours. Professor REDFIELD  
Conflict of laws. 3 hours. Professor GIFFORD  
International law. 2 hours. Professor J. B. MOORE  
Municipal corporations. 2 hours. Professor POWELL  
Administrative law — public officers. 2 hours. Professor POWELL  
Private rights and immunities. 2 hours. Professor POWELL

### Special Courses

- Admiralty. 2 hours. Mr. HEWITT  
Law of mining and irrigation. 2 hours. Mr. ARNOLD  
Readings in the digest of Justinian. 1 hour. Professor MUNROE SMITH  
Modern civil law. 3 hours. Professor MUNROE SMITH  
History of European law. 3 hours. Professor MUNROE SMITH  
Legal bibliography and the use of law books. Mr. HICKS

### Summer Session

- s1** — Personal property I. 2 points. Professor KIRCHWEY  
**s2** — Real property I. 4 points. Professor KIRCHWEY  
**s3** — Criminal law. 3 points. Professor COOK  
**s4** — Evidence. 4 points. Professor BOKE  
**s5** — Negotiable papers. 3 points. Professor COOK  
**s6** — Carriers. 3 points. Professor MCGOVNEY  
**s7** — Domestic relations and the law of persons. 2 points. Professor BOKE  
**s8** — Code practice. 3 points. Professor DEE  
**s9** — Rights and remedies of creditors. 2 points. Professor DEE  
**s10** — Agency. 3 points. Professor THURSTON  
**s11** — Suretyship. 2 points. Professor McBAINE  
**s12** — Insurance. 2 points. Professor McBAINE  
**s13** — Wills and administration. 3 points. Professor MCGOVNEY  
**sA** — Drafting legal papers. 2 points. Mr. McINTIRE  
**s20** — Constitutional law. 4 points. Professor POWELL

## PUBLIC LAW AND COMPARATIVE JURISPRUDENCE

*See introductory paragraphs, page 61*

*Professors:* MUNROE SMITH (*Executive Officer*), J. B. MOORE, W. D. GUTHRIE and C. A. BEARD

*Associate Professors:* T. R. POWELL and H. L. McBAINE

*Assistant Professors:* E. M. SAIT and E. C. STOWELL

*Instructor:* A. W. MACMAHON

*Lecturer:* L. FRASER

### Politics

**1** — American federal government. 3 hours. 3 points. Professors BEARD, SAIT, Mr. McMAHON and Mr. FRASER (Columbia College and Barnard)

**2** — American state and municipal government (in sections). 3 hours. 3 points. Professors BEARD, SAIT and Mr. McMAHON (Columbia College and Barnard)

## PUBLIC LAW AND COMPARATIVE JURISPRUDENCE 131

- 4 — (Identical with 1.) Professor BEARD and Mr. McMAHON  
5 — (Identical with 2.) Professor BEARD and Mr. McMAHON  
55 — Party government in the United States. 3 hours. 3 points. Professor BEARD and Mr. McMAHON  
56 — Municipal government. 3 hours. 3 points. Professor McBAIN and Mr. McMAHON  
105 — Party government in the United States. 2 hours. Full course. Professor BEARD  
106 — Municipal government. 2 hours. Full course. Professor McBAIN  
107-108 — Comparative politics and government. 2 hours. 2 full courses. Professor SAIT  
203-204 — American municipal administration. 2 hours. 2 full courses. Professor McBAIN  
[209 — American state government and administration. 2 hours. Full course. Professor McBAIN]  
210 — Federal administration. 2 hours. Full course. Professor McBAIN  
212 — European municipal government. 2 hours. Full course. Professor SAIT  
214 — The principles of politics. 2 hours. Full course. Professor BEARD

### Public Law

- 101-102 — Formation of the American constitutional system. 2 hours. Full course. Professor BEARD. (Identical with History 161.)  
203 — Introduction to constitutional law. 1 hour. Half course. Professor GUTHRIE  
205-206 — The constitutional law of the United States. 2 hours. 2 full courses. Professor POWELL  
207 — Administrative law: Public officers. 2 hours. Full course. Professor POWELL  
209 — The law of municipal corporations. 2 hours. Professor POWELL  
210 — Private rights and humanities. 2 hours. Full course. Professor POWELL  
301-302 — Seminar in constitutional and administrative law. Professors BEARD, POWELL, and McBAIN

### Summer Session

- s1 — American federal government. 2 points. Professor SAIT  
s2 — American state government. 2 points. Professor DYKSTRA  
s103 — The government of England. Full course or half course. Professor SAIT  
s105 — Party government in the United States. Full or half course. Professor DYKSTRA  
s120 — History of American diplomacy. [Full course.] Mr. MUNRO  
s123 — International law. Full course. Mr. MUNRO  
s205-206 — Constitutional law. Two full courses. Professor DODD

### International Law

- 120 — History of American diplomacy. 2 hours. Full course. Professor MOORE

## 132 PUBLIC LAW AND COMPARATIVE JURISPRUDENCE

**125-126** — Rights, duties, and immunities of consular and diplomatic officers. 1 hour. 2 half courses. Professor STOWELL

**127-128** — International cooperation. 2 hours. 2 full courses. Professor STOWELL

**131-132** — Treaties. 1 hour. 2 half courses. Professor STOWELL

[**133-134** — Nationality. 1 hour. 2 half courses. Professor STOWELL]

[**135-136** — Extradition. 1 hour. 2 half courses. Professor STOWELL]

**221** — History of diplomacy. 2 hours. Full course. Professor MOORE

**223-224** — International law. 2 hours. 2 full courses. Professor MOORE

**321-322** — Seminar in international law. 2 full courses. 2 hours. Professor MOORE

### Roman Law and Comparative Jurisprudence

**263** — Roman law. 3 hours. Full or double course. Professor MUNROE SMITH

**266** — History of European law. 3 hours. Full or half course. Professor MUNROE SMITH

**268** — Modern civil law of western Europe. 3 hours. Full course. Professor MUNROE SMITH

**270** — Conflict of laws. 2 hours. Full course. Professor GIFFORD

**361-362** — Seminar in legal history. 1 hour. 2 half courses. Professor MUNROE SMITH

**363-364** — Seminar in comparative jurisprudence. Professor MUNROE SMITH

### Extension Teaching

**e103-104** — International law. Two half or two full courses. Professor STOWELL

**e120** — Modern European and American diplomacy. Half or full course. Mr. MUNRO

**e151-152** — Political and diplomatic relations of China and the powers since 1840. Two half courses. Mr. CLEMENTS

**e1-2** — American government. 6 points. Professor McBAIN and SAIT and Mr. MACMAHON

**e105-106** — Contemporary American politics. Two full or two half courses. Professor McBAIN

**e107-108** — Comparative government and politics. Two full or two half courses. Professor SAIT

**Equipment.** — In addition to excellent working collections of constitutions, codes, session laws, judicial decisions, government reports, legal treatises, transactions of legal societies, and law journals of the principal foreign countries as well as of the United States, the Library of Columbia University offers special advantages to students of politics, public law, and comparative jurisprudence in the collections of Henry Livingston Thomas, late chief translator to the Department of State, of the Holland Society of New York, and of the Reform Club of the City of New York, of which the Columbia Library is the depository. The materials thus furnished are richly supplemented by those in the libraries of public institutions, learned societies, and civic organizations, particularly the Hispanic Society of America, with its unique collection of materials relating to the history, institutions, and culture of Spain, Portugal, and Latin America, the Bar Association, and the Law Institute. To these libraries advanced students have access under favorable conditions.



Lectures of special interest to students of politics and jurisprudence are maintained by specific endowments, such as the Beer lectures in political science, the Blumenthal lectures in politics, and the Carpentier lectures in law. Some of these lectures are given by distinguished foreigners, others by men prominent in public life in the United States.

## MANUAL TRAINING

*See Industrial Arts, page 104*

## MATERIA MEDICA (see page 162)

## MATHEMATICS

*See introductory paragraphs, page 61*

*Professors:* F. N. COLE, T. S. FISKE (*Administrative Head*), W. B. FITE, H. E. HAWKES, E. KASNER, C. J. KEYSER, J. MACLAY, H. B. MITCHELL and D. E. SMITH

*Assistant Professors:* C. C. GROVE, L. P. SICELOFF and C. B. UPTON

*Instructors:* D. R. BELCHER, H. B. CURTIS, C. A. FISCHER and G. W. MULLINS

*Assistants:* J. M. BIRD AND F. J. McMACKIN

**A1 or A4** — Plane trigonometry. 2 hours. 2 points. Professors GROVE and SICELOFF, Dr. FISCHER and Mr. BELCHER

**A2 or A3** — Solid geometry. 3 hours. 3 points. Professors FITE, HAWKES, GROVE MACLAY and SICELOFF, and Mr. BELCHER

**H1-H2** — Honors conference. Analytical geometry and calculus. Professors HAWKES and SICELOFF

**H3-H4** — Honors conference. Differential geometry. Professors MITCHELL and FITE

**1 or 2** — Algebra. 3 hours. 3 points. Professors HAWKES and GROVE, Dr. FISCHER and Mr. BELCHER

**3 or 4** — Analytical geometry. 3 hours. 3 points. Professors MACLAY, MITCHELL, GROVE and SICELOFF, Dr. FISCHER and Mr. BELCHER

**12** — Mathematics of statistics. 3 hours. 3 points. Professor GROVE

**[13** — Differential equations. 3 points. Professor MITCHELL]

**14** — Higher algebra. 3 hours. 3 points. Professor MITCHELL

**10-11 or 15-16** — Differential and integral calculus. 3 hours. 6 points. Professors MITCHELL and FITE

**18** — Advanced calculus. 3 hours. 3 points. Professor FITE

**19** — Projective geometry. 3 hours. 3 points. Dr. FISCHER

**20** — Fundamental concepts in mathematics. 3 hours. 3 points. Professor FISKE

**[21** — Applications of the calculus to geometry. 3 points. Professor SICELOFF]

**23** — Advanced calculus. 3 hours. 3 points. Professor FITE

**75-76 or 78-79** — Differential and integral calculus. 4 hours. 8 points. Professors MITCHELL, HAWKES, FITE, GROVE, SICELOFF and Dr. FISCHER

**77 or 80** — Differential and integral calculus. 4 hours. 4 points. Professors HAWKES and FITE

**161-162** — Modern theories in geometry. 4 hours. Full course and half course, each half year. Professor KEYSER

[163-164 — Theory of functions. Full course and half course, each half-year. Professor MACLAY]

165-166 — Differential equations. 4 hours. Full course and half course, each half year. Professors FISKE and KASNER

[167-168 — Algebra. Full course and half course, each half year. Professor COLE]

[171-172 — Mathematics. 3 hours. 2 full courses. Professor KEYSER]

175 — Differential geometry of curves. 3 hours. Full course. Professor

HAWKES

[177 — Mathematical theory of statistics. Full course. Professor GROVE]

217 — Infinite series. Full course. Professor FITE

[226 — Integral equations. 2 hours. Half course. Professor KASNER]

151-152 — History of mathematics. 3 hours. Lectures and collateral reading. 2 full courses. Professor SMITH

251-252 — Practicum in the history of mathematics. 2 full courses. Professor SMITH

308 — Theory of groups. 3 hours. Full course. Professor COLE

[312 — Theory of point sets. Full course. Professor FISKE]

341 — Elliptic functions. 4 hours. Full and half course. Professor

MACLAY

342 — Applications of the elliptic functions. Full course. Professor

MACLAY

[345-346 — Seminar in differential geometry. 2 hours. 2 full courses. Professor KASNER]

351-352 — History of mathematics. 2 full courses. Professor SMITH

[361-362 — Philosophy of mathematics. 2 full courses. Professor KEYSER]

### Summer Session

sX — Elementary algebra. 2 points. Dr. GRAVES and Dr. FISCHER

sY — Plane geometry. 2 points. Dr. GRAVES and Mr. MULLINS

sa1 — Logarithms and trigonometry. 2 points. Professor SICLOFF, Dr. FISCHER, and Mr. MULLINS

sa2 — Solid geometry. 2 points. Dr. FISCHER, Dr. GRAVES, and Mr. MULLINS

s1 — Algebra. 2 points. Professors GROVE and SICLOFF

s3 — Analytical geometry. 2 points. Professors GROVE and SICLOFF, and Dr. REDDICK

s75 — Calculus: first part. 3 points. Professor GROVE and Dr. REDDICK

s76 — Calculus: second part. 3 points. Dr. REDDICK

s167 — Higher algebra. Full course. Professor MACLAY

s164 — Theory of functions of a complex variable. Full course. Professor MACLAY

s181 — Projective geometry. Full course. Professor FITE

s141 — Differential equations. Full course. Professor FITE

s201 — Theory of geometric constructions. Full course. Professor KASNER

s175 — Differential geometry. Full course. Professor KASNER

esX — Algebra, elementary course. 2 points. Mr. McMACKIN

esY — Plane geometry. 2 points. Mr. McMACKIN

Extension Teaching

**eX1** — Algebra, elementary and intermediate course. 4 points. Mr. TANZOLA

**eY1** — Plane geometry. 4 points. Mr. CURT

**eX2** — Algebra. Course **eX1** repeated. 4 points. Mr. CURT

**eX3** — Algebra. Elementary course. 3 points. Mr. BIRD

**eX4** — Algebra. Intermediate course. 3 points. Mr. TANZOLA

**eX5** — Algebra. Intermediate course. 3 points. Mr. CURT

**eY2** — Plane geometry. Course **eY1** repeated. 4 points.

**eA1** — Trigonometry and algebra. 2 points. Mr. BELCHER and Mr.

McMACKIN

**eA3** — Solid geometry. 3 points. Mr. McMACKIN

**eA4** — Trigonometry. Course **eA1** repeated. 2 points. Mr. BELCHER

**eA6** — Solid geometry. **eA3** repeated. 3 points. Mr. McMACKIN

**e1** — Algebra. 3 points. Mr. McMACKIN

**e2** — Algebra. **e1** repeated. 3 points. Mr. McMACKIN

**e3** — Analytical geometry. 3 points. Mr. NOWLAN

**e4** — Analytical geometry. Course **e3** repeated. 3 points. Mr. NOWLAN

**e15-16** — Calculus. 6 points. Mr. WOODWARD

**e75-76** — Calculus. 8 points. Mr. WOODWARD

Barnard College

**A1-A2** — Trigonometry, algebra and geometry. 3 hours. Dr. CURTIS, Dr. FISCHER, and Mr. MULLINS

**21** — Analytical geometry. 3 hours. Dr. CURTIS

**22** — Calculus, short course. 3 hours. Professor KASNER

**23-24** — Theory of equations. 3 hours. Dr. CURTIS

**25-26** — Calculus. 3 hours. Professors KASNER and COLE

**27-28** — Projective geometry. 3 hours. Mr. MULLINS

**[32** — Advanced analytical geometry. 3 hours. Dr. CURTIS]

**[33-34** — The fundamental concepts of modern mathematics. 3 hours.

Professor KASNER]

**35-36** — General introduction to higher mathematics. 3 hours. Professor

KASNER

**Equipment.** — In connection with the Department of Mathematics and in addition to the regular library facilities there is a large and fully equipped reading-room, 108 Library, in which are available the current numbers of over one hundred and fifty mathematical journals and periodicals.

The laboratory equipment of the department has been greatly increased. Recent acquisitions of mathematical models and instruments include the famous collections of Wiener and Schilling. Room 503 Fayerweather has been set apart as a mathematical laboratory and model room.

Teachers College is well supplied with models and apparatus for use in teaching mathematics in all grades, from the kindergarten through the high school, together with various instruments for mechanical computation, including a Stanley arithmometer. The large collection of instruments, autographs, portraits, and other material illustrating the historical development of mathematics, the property of Professor Smith, is placed at the disposal of the students, as is his extensive library on the history and teaching of the subject. Arrangements may be made by which advanced students in the history of mathematics may have access to the library of George A. Plimpton, Esq.,

which is particularly rich in manuscripts, incunabula, and sixteenth-century works on the subject. The department has a large collection of stereopticon slides illustrating many important manuscripts and early works from this and other libraries.

## MECHANICAL ENGINEERING

*See introductory paragraphs, page 61*

*Professors:* C. E. LUCKE (*Executive Officer*) and W. RAUTENSTRAUCH

*Assistant Professors:* H. L. PARR, G. B. PRESTON, E. D. THURSTON, Jr., C. W. THOMAS, F. O. WILLHÖFFT, and L. D. MOSS

*Instructor:* A. L. HERRICK

*Assistant:* H. F. ALLEN

1-2 — Manufacturing and transportation. 3 hours. Professor MOSS

101-102 — Power machinery. 2 hours. Professor LUCKE

103-104 — Machine elements. C 2 hours, L 1 afternoon. Professor THOMAS

105-106 — Machine elements. 2 hours. Professor THOMAS

107 — Machine elements. C 2 hours. Professor THOMAS

108S — Shop practice. 6 weeks. Professor SLEFFEL

109-110 — Shop processes. 1 hour first half-year, C 2 hours, L 2 afternoons second half-year. Professor SLEFFEL

111 — Mechanical instrument laboratory. L 1 afternoon. Professor PARR

112 — Hydraulic laboratory. L 1 afternoon. Mr. HERRICK

113 — Hydraulic laboratory. L 1 afternoon. Mr. HERRICK

114S — Shop practice. 8 weeks summer course. Professor SLEFFEL

115-116 — Engineering thermodynamics. C 3 hours, L 1 afternoon. Professor THURSTON

119-120 — Engineering thermodynamics. C 2 hours, L 1 afternoon. Professor THURSTON

121-122 — Engineering thermodynamics. 2 hours. Professor THURSTON

123 — Mechanics of machinery. 4 hours. Professor RAUTENSTRAUCH

124 — Machine analysis. 4 hours. Professor RAUTENSTRAUCH

125 — Pumps and hydraulic machinery. 2 hours. Mr. HERRICK

126 — Pumping machinery. 2 hours. Mr. HERRICK

127 — Compressor and fan laboratory. L 1 afternoon. Professor THURSTON

128 — Compressors and fans. 2 hours. Professor THURSTON

130 — Machine tools. 2 hours. Professor SLEFFEL

131 — Steam power laboratory. L 1 afternoon. Professor PARR

132 — Heat transfer laboratory. L 1 afternoon. Professor PARR

134S — Machine design. 4 weeks summer work. Professor THOMAS

135 — Steam turbines. C 2 hours, L 1 afternoon. Professor WILLHÖFFT

136 — Steam power. C 3 hours, L 2 afternoons. Professor PRESTON

138 — Steam power. 2 hours. Professor PRESTON

139 — Reciprocating steam engines. C 2 hours, L 1 afternoon. Professor WILLHÖFFT

141 — Steam power. 3 hours. Professor PRESTON

142S — Plant operation. 4 weeks summer work. Professors LUCKE, RAUTENSTRAUCH, PRESTON, MOSS, HERRICK, as assigned

- 143 — Furnaces and heat transfer. 2 hours. Professor LUCKE  
 145 — Water power. 2 hours. Mr. HERRICK  
 146 — Water power. C 3 hours, L 1 afternoon. Mr. HERRICK  
 147 — Kinematics and machine design. C 3 hours, L 1 afternoon. Professor THOMAS  
 149 — Chemical factory machinery. 3 hours. Professor PARR  
 150 — Water power. 2 hours. Mr. HERRICK  
 151 — Gas power. C 2 hours, L 1 afternoon. Professor THURSTON  
 152 Gas power. 3 hours. Professor LUCKE  
 154 — Gas power. C 2 hours, L 1 afternoon. Professor WILLHÖFFT  
 155-156 — Machine design. C 2 hours, L 2 afternoons first half-year and C 1 hour, L 1 afternoon second half-year. Advanced treatment for qualified students. Professor Moss  
 157 — Gas power laboratory. L 1 afternoon. Professor WILLHÖFFT  
 159-160 — Manufacturing processes and management. 2 hours. Professor RAUTENSTRAUCH  
 161-162 — Mechanical laboratory. L 1 afternoon. Professor PRESTON  
 164 — Mechanical laboratory. L 1 afternoon. Professor PARR  
 166S — Mechanical laboratory. 3 weeks summer work. Professor PARR  
 167-168 — Factory construction and equipment. C 2 hours, L 1 afternoon. Professor Moss  
 169 — Organization and management. 3 hours. Professor RAUTENSTRAUCH  
 171-172 — Machine design. D 2 afternoons. Professor THOMAS  
 181-182 — Engineering thermodynamics. C 2 hours, L 1 afternoon. Professor LUCKE  
 184 — Gas power. C 4 hours, L 1 afternoon. Professor LUCKE  
 185-186 — Machine analysis. 4 hours first half-year, 1 hour second half-year. Professor RAUTENSTRAUCH  
 187-188 — Standard tests and research methods. C 2 hours, L 1 afternoon. Professor PARR  
 189-190 — Shop processes and machine tools. C 2 hours, L 1 afternoon. Professor SLEFFEL  
 192 — Steam turbines. 3 hours. Professor WILLHÖFFT

**Equipment.** — This department is equipped with lecture-rooms, collections of models and specimens to illustrate the lectures, and drafting-rooms provided with blue-prints, photographs, and catalogues of standard and special machinery supplied by manufacturers. Excellent facilities are also at hand for the prosecution of experimental work. The experimental equipment includes all the standard and many special forms of measuring instruments, and a large collection of full-size standard machinery, covering practically every important class.

## METALLURGY

*See introductory paragraphs, page 61*

*Professors:* A. L. WALKER and W. CAMPBELL

*Assistant Professors:* E. F. KERN and E. J. HALL

*Assistant:* W. A. SCHEUCH

- 101 — Introduction to metallurgy. 3 hours. Professor KERN  
 111 — Metallurgy of copper. 3 hours. Professor KERN  
 118 — Metallurgy of copper. 1 hour. Professor KERN

- 122 — Metallurgy of lead, silver, gold and zinc. 3 hours. Professor WALKER
- 128 — Metallurgy of lead, silver, gold, zinc and the minor metals. 1 hour. Professor WALKER
- 131 — Metallurgy of iron and steel. 1 hour. Professor CAMPBELL
- 133 — Metallurgy of iron and steel. 2 hours. Professors WALKER and CAMPBELL
- 138 — Metallurgy of iron and steel. 1 hour. Professor CAMPBELL
- 141 — Electrometallurgy. 1 hour. Professor KERN
- 148 — Electrometallurgy. 1 hour. Professor KERN
- 151 — Metallography. 2 hours. Professor CAMPBELL
- 155-156 — Metallography of iron, steel and industrial alloys. 1 hour. Professor CAMPBELL
- 158 — Metallography. 1 hour. Professor CAMPBELL
- 164S — Summer course in ferrous metallurgy. Professor CAMPBELL
- 166S — Summer course in non-ferrous metallurgy. Professors WALKER and KERN
- 170 — Metallurgical laboratory. 10 consecutive afternoons. Professors CAMPBELL and KERN
- 171 — Metallurgical laboratory. 4 afternoons. Professors CAMPBELL and KERN
- 172 — Metallurgical laboratory. 1 afternoon. Professors CAMPBELL and KERN
- 173-174 — Metallurgical laboratory. Professors CAMPBELL and KERN
- 176 — Metallurgical seminar. 1 hour conferences. Professors WALKER and CAMPBELL
- 178 — Metallurgical plant construction. 2 afternoons. Professor WALKER
- 181-182 — Assaying. *C* 2 hours, *L* 3 afternoons. Professor HALL
- 184 — Assaying. *C* 1 hour, *L* 1 afternoon. Professor HALL
- 201-202 — Graduate metallurgical research. 4 afternoons. Professors CAMPBELL and KERN.

### Summer Session

s182 — Assaying. Full course. Professor HALL

s184 — Assaying. Full course. Professor HALL

s188 — Assaying, advanced course. Full course. Professor HALL

*Metallurgical Excursions.* — During the summer the students see, at the metallurgical works near the city, iron blast furnaces, bessemer and open-hearth steel making, lead and copper smelting, copper bessemerizing and refining by furnace and electrolytic methods, the desilverizing of base bullion, and the parting and refining of gold and silver by electrolytic and acid methods.

*Equipment.* — The special teaching equipment for metallurgy contains many large lecture diagrams and bromide enlargements showing the various metallurgical appliances, and the sequence of metallurgical processes, besides many models, drawings, and apparatus for lecture demonstrations. There is also a collection of about 3000 specimens of ores, metals, and metallurgical products, and a rapidly forming collection of microscopic sections and photomicrographs of metals and alloys.

*Non-Ferrous and Electrometallurgical Laboratory.* — A. For wet and dry metallurgy, the extraction, smelting, refining, and alloying of non-ferrous metals, there are ore-roasting furnaces; reverberatory smelting furnace; gas-fired crucible furnaces; assay muffle furnaces; a high-temperature forget

leaching plants; a filter press; amalgamating pans; a chlorinating barrel; ball mills; desilverization kettles; and pyrometers. B. For electrometallurgy the electrical recovery, deposition, refining, and alloying of metals, there are storage batteries; a 30 K.W. motorgenerator set for supplying direct current at high amperage and a range up to 25 volts; electrolytic refining vats; small electric furnaces of the Moissan arc, Borchers arc and resistance types; and large experimental melting, smelting, and refining furnaces.

*Iron and Steel Laboratory* is equipped with electric and double muffle gas furnaces especially designed for this laboratory, in which a number of full-sized tensile test bars may be heated simultaneously to any temperature up to 1300° C., with uniformity and precision; gas crucible furnaces; gas forges; special furnaces; and small power-driven rolls for studying the influence of the conditions of rolling on the properties of metals.

*The Metallographic Laboratories*, for the microscopic and pyrometric study of metals, mattes, speiss, slags, ores, etc., have microscopes of the Leitz, Le Chatelier, and other types; equipment for illumination and photography; electric resistance furnaces of different types; portable gas furnaces; and pyrometers. The metal-working shop has power-driven machines for cutting specimens, etc.

*The Assay Laboratory* has for its main equipment thirty-six gas-fired muffle furnaces, with a corresponding number of desks, which are arranged in rows with a furnace facing each desk. There are, also, a sufficient number of coke pot, coal muffle and gasoline furnaces for the student to become familiar with these types. The usual balance, grinding, and cupel rooms are provided.

The laboratory gives advanced students and practitioners unusual advantages for investigating accurately the scientific and many of the economic problems of metallurgy.

**Library.** — A special library of about sixteen hundred volumes, on metallurgical subjects is included in the School of Mines departmental reference library.

## MINERALOGY

*See introductory paragraphs, page 61*

*Professor:* A. J. MOSES (*Executive Officer*)

*Assistant Professor:* L. MCL. LUQUER

*Instructor:* H. F. GARDNER

*Assistant:* C. W. GREENLAND

**3-4** — General mineralogy. *C* 2 hours, *L* 2 hours. 6 points. Mr. GARDNER

**6** — Optical mineralogy — minerals in rock sections. *L* 2 afternoons for two months. Professor LUQUER and Assistants

**9** — Crystal constants and crystalline structure. *C* 2 hours, *L* 1 afternoon. 4 points. Professor MOSES and Mr. GARDNER

**10** — Minerals used in chemical industries. *C* 2 hours, *L* 1 afternoon. 4 points. Professor MOSES and Mr. GARDNER

**11** — Optical mineralogy. 1 afternoon. 2 points. Professor LUQUER and Mr. GARDNER

**14** — Mineralogy. The sight recognition and determination of the common rock-forming minerals and the great ores. *C* 2 hours, *L* 3 hours. 3 points. Professor MOSES

**17** — Economic mineralogy. *C* 4 hours, *L* 2 afternoons. 10 points. Professors MOSES and LUQUER and Mr. GARDNER

**17-18** — General mineralogy. *C* 1 hour, *L* 2 or 4 hours. 4 or 6 points. Professor OGILVIE (Barnard)

**105** — Crystallography and optical mineralogy. *C* 2 hours, *L* 1 afternoon. Half course. Professor LUQUER

**207-208** — Optical mineralogy. *C* 1 hour, *L* 1 afternoon. Two half courses. Professor LUQUER

**209-210** — Physical crystallography. *C* 1 hour, *L* 1 afternoon. Two half courses. Professor MOSES

**211-212** — Study of assigned subject. 12 hours per week for 2 years. Two full courses. Professor MOSES

### Summer Session

**s1** — The recognition and determination of the common rock-forming minerals and great ores. 3 points. Mr. GARDNER

**s2** — Gems and gem minerals. 3 points. Professor MOSES and Mr. GARDNER

**es2a** — Gems and gem minerals. 2 points. Professor MOSES and Mr. GARDNER

**s3** — Testing gems. 3 points. Professor MOSES and Mr. GARDNER

**s102** — Crystals. Lectures. Half course. Professor MOSES

**Equipment.** — The work of the students in the college courses and in general mineralogy is performed in the lecture-room, in the blowpipe laboratory, and in the adjoining conference-room, in which are the student collections of crystal models and minerals and several thousand unlabeled specimens used in determinative work. The department possesses also about 1200 sections of minerals and rocks, 1500 crystal models in wood and glass, and a Departmental Library of 1300 volumes. Students in optical mineralogy use a separate room with north light, and for crystal measurements and monochromatic light determinations there is provided a large dark-room.

The Eggleston Mineralogical Museum contains about 30,000 labeled specimens, and includes a systematic collection; an economic collection of ores, building materials, and minerals used in chemical industries; and smaller collections illustrating: gems and ornamental stones; crystals; the genesis and alteration of minerals; the characters of minerals; artificial minerals and New York City minerals.

### MINING

*See introductory paragraphs, page 61*

*Professors:* R. PEELE and R. M. RAYMOND

*Assistant Professor:* E. K. JUDD

*Instructor:* H. L. CARR

**151** — Excavation and tunneling. 3 hours. Professor PEELE

**152** — Boring and shaft sinking. 2 hours. Professor PEELE

**154** — Exploration, development, and methods of working. 3 hours. Professor RAYMOND

**156** — Mine engineering. 3 hours. Professor RAYMOND

**171-172** — Mine plant. 3 hours first half-year, 2 hours second half-year.

Professor PEELE

**173** — Mine constructions. 1 hour. Professor PEELE

**175** — Design of mine plant. 3 afternoons. Professors PEELE and JUDD and Mr. CARR

**178** — Graduating thesis or project. Professor PEELE



**181** — Ore-dressing, milling, and the mechanical preparation of coal. 4 hours. Professor JUDD

**182** — Ore-dressing laboratory. Afternoon work for 3 weeks. Professor JUDD and Mr. CARR

**192** — Mine administration. 2 hours. Mr. WAGNER and Mr. CLARK

**194** — Mining law. 2 hours. Professor ARNOLD

### Summer Session

**158S** — Summer class in mine surveying. For a period of one week in June. Professor JUDD and Mr. CARR

**159S** — Summer course in practical mining. For a period of six weeks in June and July. Professors PEELE and JUDD

### Special Courses

**201-202** — Methods of mining. Two full courses. Professors PEELE and RAYMOND

**203-204** — Mining plant. Two full courses. Professors PEELE and RAYMOND

**207-208** — Ore dressing. Two full courses. Professor JUDD

**211-212** — Mining and ore dressing. Mining **154**, **181** and **182**, with laboratory work and reading as required. Two full courses. Professors PEELE and RAYMOND

**213-214** — Economic studies in mining. Two full courses. Professors PEELE and RAYMOND

**Equipment.** — The lecture courses on mining are illustrated by sets of books containing blue-prints from negatives made for the purpose. There are a sufficient number of these books to enable each student to have the use of one or more for reference during the lectures and for home study. Wall diagrams and large working blue-prints are also used for lecture illustration.

The University Library contains sets of the transactions of all mining, metallurgical, and engineering societies, and of the more important periodical publications on these subjects. There is also a large collection of books on mining, and all new publications of value are added as they appear. In addition, the School of Mines contains a reference library of mining and metallurgical books and periodicals, accessible to students at all times.

The subject of mining is illustrated by collections as follows: Maps of coal and metal mines of this and other countries. Working drawings, diagrams, and photographs of mine plant, and of mining and dressing machinery. Models of mines and parts of mines and of mine plant. Mining tools: picks, shovels, hammers, drills, blasting apparatus, lamps, safety-lamps, anemometers, and machine drills. Ores and dressing products from typical works in this and other countries. Surveying instruments: geological compasses and clinometers, attraction compasses, dipping needles, hanging compasses and arcs, transits, lamp signals, rods, and apparatus for plumbing and measuring shafts.

The basement and sub-basement of the School of Mines are equipped as laboratories for the study of ore-dressing. These laboratories serve four purposes: 1. To illustrate the physical laws bearing on mineral separation. 2. To afford opportunity for quantitative working tests. 3. To train students in the adjustment and operation of concentrating machinery, and in the making of efficiency tests under working conditions. 4. To give advanced students and others all necessary facilities for original investigation.

Many coal, iron, and other mines, slate and stone quarries, and metallurgical works are easily accessible. Within one hundred miles of New York City may be studied examples of the best practice in mining and metallurgy under varied conditions, and some of the most modern and effective mining and dressing machinery and smelting plants in the country. The excursions of the summer class in mining extend as far as the iron, copper, zinc, lead, silver, and gold regions of Michigan, Missouri, Montana, Colorado, Arizona, Utah and California.

The metropolitan situation of the School renders it possible to present, also, as parts of the regular courses in mining, special lectures by prominent engineers. The list of such lecturers and more detailed information as to the courses offered and as to the facilities of instruction will be found in the current *Announcement of the Schools of Mines, Engineering, and Chemistry*.

## MUSIC

*See introductory paragraphs, page 61*

*Professors:* W. H. HALL, C. RUBNER (*Executive Officer*)

*Associate Professor:* C. H. FARNSWORTH

*Assistant Professor:* D. G. MASON

*Associate:* F. E. WARD

1-2 — History of music. 2 hours. 4 points. Professor MASON

3-4 — History of music. 2 hours. 4 points. Professor MASON

7-8 — Harmony. 3 hours. 6 points. Mr. WARD

9-10 — Advanced harmony and elementary form. 2 hours. 4 points.

Professor MASON

11-12 — Counterpoint. 2 hours. 4 points. Mr. WARD

13-14 — Composition and orchestration. 2 hours. 4 points. Professor

RUBNER

15-16 — Orchestral instruments and their use. 1 hour. 2 points. Professor RUBNER

31-32 — University orchestra. 2 hours. 2 points. Professor RUBNER and Edward B. MANNING

33-34 — University chorus. 2 points. Professor HALL

101-102 — Advanced composition and orchestration. 2 hours. 4 points or double course. Professor RUBNER

103-104 — Orchestration and symphonic form. 2 hours. 4 points or double course. Professor RUBNER

## Summer Session

sX — Chorus. WALTER HENRY HALL

s1 — History and appreciation of music. 2 points. Professor COLE

s7 — Elementary harmony. 2 points. Professor COLE

s10 — Musical form and harmonic analysis. 2 points. Professor COLE

s20 — Community music. 2 points. Professor DYKEMA

## Extension Teaching

e7-8 — Elementary harmony. 4 points. Mr. WARD

e8a — Elementary harmony. 2 points. Starting in February. Mr. WARD

eX1-X2 — University chorus. 2 points. Mr. HALL

e5-6 — Ear training and dictation. 4 points. Mr. MANNING

e7a — Elementary harmony. 2 points. Mr. WARD

e9-10 — Advanced harmony and elementary form. 4 points. Mr. WARD

e11-12 — Applied harmony. 4 points. Mr. KRAFT

e53-54 — Introductory harmony. 4 points. Mr. KRAFT

Twenty-nine courses in teaching and supervision and technic of music and speech are offered at Teachers College. (See current *Announcement of Teachers College School of Practical Arts*.)

**Equipment.** — A collection of music and of books of reference is placed at the disposal of students. It includes the complete works of various composers, many orchestral and opera scores, the pianoforte classics, and vocal music, besides many theoretical, historical, and biographical works. The private library of Anton Seidl, consisting of 1220 scores, was presented to the University and has been placed in the rooms of the Department of Music. Also the great library of Dr. James Pech comprising thousands of scores in all forms of composition. The department has also a collection of instruments for the use of students participating in the University Orchestra.

The Department of Music offers two annual recitals of original compositions by students in the department, and the regular concerts of the University Orchestra and the University Chorus.

The Institute of Arts and Sciences offers numerous concerts and recitals. For details consult separately printed bulletin which may be procured through the Secretary of the University.

## NATURE STUDY

Five courses in nature study for elementary and high schools are offered under the auspices of Teachers College. For details see the current *Announcement of Teachers College School of Education and Practical Arts*. (See also Botany and Zoölogy.)

## NEUROLOGY

*See introductory paragraphs, page 61*

*Professor:* F. TILNEY (*Executive Officer*)

*Professor of Clinical Opthomology:* W. R. HOLDEN

*Assistant Clinical Professors:* S. P. GOODHART, E. L. HUNT and L. CASAMAJOR

*Assistant Professor:* W. A. HOLDEN

*Instructors:* J. V. HABERMAN, R. HOYT, C. A. MCKENDREE, A. P. EVANS, and T. H. AMES

*Clinical Assistants:* J. L. MACUMBER, W. SHARPE, C. L. NICHOLS, N. SHARPE, S. BROWN, L. A. ARONSON, G. A. BLAKESLEE, J. O'NEIL, S. R. LEAHY, L. H. CORNWELL, N. J. GOTTBRAH

Courses 201-202 and 205 are open to candidates for the degree of A.M. or Ph.D.

201-202 — Neurology: The diseases of the nervous system. 1 hour. Professors TILNEY, CASAMAJOR and HUNT, and Dr. AMES

203-204 — Clinical lectures in neurology. (Vanderbilt Clinic.) 1 hour. Professors STARR and TILNEY

205 — Psychiatry. (Vanderbilt Clinic.) 1 hour. Professor TILNEY

207-208 — Practical instruction in the methods of examination of nervous patients, electro-diagnosis and electro-therapeutics. (Vanderbilt Clinic.) 2 hours. Professor TILNEY

**209-210** — Practical instruction in the methods of examination of insane patients. (City Hospital.) 1 hour. Professor CASAMAJOR

**211-212** — Researches in newer methods of neurological examination. (Vanderbilt Clinic.) 2 hours. Professor TILNEY

**213-214** — Research in the examination of the mentally defective. (Vanderbilt Clinic.) 2 hours. Professor CASAMAJOR

**231-232** — Clinical psychology (psychopathology) and psychotherapy, inclusive of the psychopathology, psychotherapy, and mental examination of the psychopathic child. (Vanderbilt Clinic.) 1 hour. Dr. HABERMAN

**Equipment.** — The laboratory of the Neurological Department is in possession of numerous models and casts of the brain and spinal cord; of more than 500 lantern slides illustrating the pathology of nervous diseases; and of a large collection of microscopic slides and of gross specimens. There are two laboratory workers constantly employed.

### NURSING AND HEALTH

Eighteen courses in Nursing and Health are offered under the direction of Teachers College. For details see the current *Announcement of Teachers College, School of Practical Arts*.

### OBSTETRICS

*See introductory paragraphs, page 61*

*Professors:* E. B. CRAGIN (*Executive Officer*) and H. M. PAINTER

*Associate Professor:* J. D. VOORHEES

*Associate:* E. M. COLIE, JR.

*Instructor:* W. HILDRETH

**102** — Recitations and demonstrations in obstetrics. 2 hours. Professor VOORHEES

**210** — The theory and practice of obstetrics. 3 hours. Professor CRAGIN

**203-204** — Practical instruction in obstetrics. (Sloane Hospital for Women.) Dr. HILDRETH

**205-206** — Out-patient service in obstetrics. Professor PAINTER and Dr. COLIE

### ORIENTAL LANGUAGES

*See introductory paragraphs, page 61*

#### CHINESE

*Professor:* F. HIRTH

**101-102** — Elementary course — Study of Chinese characters and language. 3 hours. 2 full courses. Professor HIRTH

**103-104** — Beginners' course in the Mandarin dialect. 2 hours. 2 half courses. Professor HIRTH

**105-106** — History, language, literature, government, art, and social life of the Chinese. For students who need not study the language. 2 hours. 2 half courses. Professor HIRTH

**201-202** — Analysis and translation of easy documents written in the Chinese modern business style. 2 hours. 2 full courses. Professor HIRTH

**203-204** — Analysis and translation of easy literary texts. 2 hours. 2 full courses. Professor HIRTH

**301-302** — Seminar for the study of Chinese government matters. — hours. 2 half or 2 full courses. Professor HIRTH

**303-304** — Seminar for historical studies in Chinese literature. — hours. 2 half or 2 full courses. Professor HIRTH

**305-306** — Seminar for the study of Chinese art, industry, and general culture. Hours to be arranged. 2 full courses or 1 full course. Professor HIRTH

**cX1** — Elementary course. Mr. NYI

### INDO-IRANIAN

*Professor:* A. V. W. JACKSON

*Lecturer:* A. YOHANNAN

**101** — Sanskrit, first course. Grammar and reading of texts. 3 hours. Double course. Professor JACKSON

**102** — Sanskrit, second course. Reading of texts. 3 hours. Double course. Professor JACKSON

**103** — Avestan, first course. Grammar and reading of texts. 2 hours. Full course. Professor JACKSON

**104** — Avestan, second course. Reading of texts. 2 hours. Full course. Professor JACKSON

**105** — Sanskrit, advanced course. 2 hours. Full course. Professor JACKSON

**106** — Sanskrit, advanced course. 2 hours. Full course. Professor JACKSON

**107-108** — Modern Persian, introductory course. 2 hours. 2 full courses. Dr. YOHANNAN

**109-110** — Modern Persian, second course. 2 hours. 2 full courses. Dr. YOHANNAN

**115** — History of India and of Persia. 2 hours. Half or full course. Professor JACKSON

**201-202** — Avestan, advanced course. 2 hours. 2 full courses. Professor JACKSON

**203-204** — Pali, elementary course. 1 hour. 2 half courses. Professor JACKSON

**205** — Old Persian cuneiform inscriptions. 1 hour. Half course. Professor JACKSON

**206** — Pahlavi, introductory course. 1 hour. Half course. Professor JACKSON

**207-208** — Sanskrit literature. 1 hour. 2 half courses. Professor JACKSON

**209** — Zoroastrian Gathas. 1 hour. Full course. Professor JACKSON

**210** — Zoroaster and Buddha, their life and teachings. 1 hour. Half course. Professor JACKSON

**211-212** — Modern Persian, third-year course. 2 hours. 2 full courses. Dr. YOHANNAN

**301-302** — Indo-Iranian seminar. 2 full courses. Professor JACKSON

### Armenian

**213-214** — Principles of Armenian grammar with selected readings. 2 hours. 2 full courses. Dr. YOHANNAN

### Turkish

**215-216** — Principles of Turkish grammar. 2 hours. 2 full courses.  
Dr. YOHANNAN

**217-218** — Advanced course in Turkish. 2 hours. 2 full courses. Dr.  
YOHANNAN

**219-220** — Exercises in Turkish conversation and in the reading of Turkish newspapers. 2 hours. 2 half courses. Dr. YOHANNAN

### Science of Language

**111-112** — Introduction to the study of language. 2 hours. 2 full courses.  
Professor JACKSON, in co-operation with Professors of the various departments concerned

[**113-114** — Types of language. 2 full courses. First half-year: Indo-European and Semitic languages. Second half-year: American and Central and Eastern Asiatic languages. The Professors of the various departments concerned]

**e102** — The origin and development of language. Half course. Professor PRINCE

### SEMITIC

*Professors:* R. J. H. GOTTHEIL (*Executive Officer*) and J. I. PRINCE

*Lecturers:* P. K. HITT and F. A. VANDERBURGH

### Biblical Hebrew

**101-102** — Elementary course. 2 hours. 2 full courses. Dr. HITT

**103** — Second course. Exercises in the reading of unpointed Hebrew. Half course. Professor GOTTHEIL

**104** — Third course. Isaiah. 2 hours. Full course. Professor GOTTHEIL

[**105** — Third (lecture) course. Semitic archæology and its bearings upon the study of the Bible. Half course. Professor GOTTHEIL]

**e101-102** — Biblical Hebrew. 2 half courses. Mr. MARGOLIS

**e103-104** — Biblical Hebrew. 2 half courses. Mr. MARGOLIS

**e109-110** — Jewish history and literature. 2 half courses. Mr. MARGOLIS

**cX1-cX2** — Conversational Hebrew. Dr. MARGOLIS

### Rabbinical Hebrew

**107-108** — Selected readings from the Mishnah. 2 hours. 2 full courses.  
Professor GOTTHEIL

**109-110** — Selected readings from the Hebrew historical writers of the Middle Ages. 2 hours. 2 full courses. Professor GOTTHEIL

**201** — Lectures on Post-Biblical Hebrew Literature. 2 hours. Half course. Professor GOTTHEIL

### Epigraphy

**203** — Interpretation of the Phœnician inscriptions, with an introduction to Semitic paleography and the history of the alphabet. 2 hours. Full course. Professor GOTTHEIL

**204** — Interpretation of the Aramæan scriptions. 2 hours. Full course. Professor GOTTHEIL

[**205** — Interpretation of the Sabæan and Himyaritic inscriptions contained in the *Corpus Inscriptionum Semiticarum*, vol. iv. 1 hour. Full course. Professor GOTTHEIL]

## UNION THEOLOGICAL SEMINARY

**1-2** — History, literature, and religion of the Old Testament in outline. 2 hours. 2 half courses. Professor BROWN

**13** — Readings in Deuteronomy. 2 hours. Half course. Professor BEWER

**14** — Biblical Aramaic. 1 hour. Professor FAGNANI

**23a** — Exegetical class: Exodus. 2 hours. Half course Professor BEWER

**24c** — Exegetical class: Numbers. 2 hours. Half course. Professor

BEWER

**28c** — Rapid reading of Kings. 2 hours. Half course. Professor BEWER

**29a-30a** — Book of Isaiah. 2 hours. 2 half courses. Professor BEWER

**73** — History of Israel during and after the exile. 2 hours. Half course.

Professor BEWER

**95-96** — Seminar: Jeremiah. 2 hours. 2 half courses. Professor BEWER

**106** — Textual criticism of the Old Testament. 2 hours. Half course.

Professor BEWER

## Assyrian

**111** — Elementary course. 2 hours. Full course. Professor PRINCE

**112** — Second course — Study of the syllabary. 2 hours. Full course. Professor PRINCE

**209** — Third course — Study of texts. 2 hours. **209** and **209A** together count as one full course. Professor PRINCE

**209A** — Third course — Readings from Babylonian texts. **209** and **209A** together count as one full course. Dr. VANDERBURGH

**210** — Fourth course — Study of religious texts. 2 hours. **210** and **210A** together count as one full course. Professor PRINCE

**210A** — Readings from Bilingual texts. 1 hour. **210** and **210A** together count as one full course. Dr. VANDERBURGH

**211** — Advanced course — Sumerian and Susian texts. 2 hours. Double course. Professor PRINCE

**212** — Advanced course — Sumerian hymns from cuneiform texts. 2 hours. Double course. Professor PRINCE

## Arabic

**113** — Elementary course. 2 hours. Full course. Dr. HITTI

**114** — Second course. 2 hours. Full course. Dr. HITTI

**213** — Advanced course — Selections from the Koran. 2 hours. Full course. Professor GOTTHEIL

**214** — Advanced course — Selections from 2 geographical writer. 2 hours. Full course. Professor GOTTHEIL

**215-216** — Modern Arabic, dialect of Egypt. 2 half courses. Professors GOTTHEIL and PRINCE

**cX1-cX2** — Elementary grammar, reading, writing, and speaking. Dr. HITTI

## Syriac

**115** — First course. 2 hours. Full course. Dr. HITTI

**116** — Second course. 2 hours. Full course. Dr. HITTI

**117** — Third course. 2 hours. Full course. Professor GOTTHEIL

**118** — Fourth course. 2 hours. Full course. Professor GOTTHEIL

## Ethiopic

**221-222** — Principles of the grammar, and reading of extracts. Full course. Professor GOTTHEIL

## History

**119** — The ancient history of western Asia from the earliest times until the period of Cyrus the Persian. 2 hours. Half or full course. Professor PRINCE and Dr. VANDERBING

This course is identical with History **109**

**120** — The rise of Arabian civilization and the spread of Mohammedanism. 2 hours. Half or full course. Professor GOTTHEIL

This course is identical with History **104**

[**122** — Political and social evolution of modern Turkey and Egypt. 2 hours. Half or full course. Professor GOTTHEIL]

This course is identical with History **154**

## Semitic Seminar

**301-302** — Study of current questions in Semitic philology and history with especial reference to modern methods of research. 2 full courses. Professors GOTTHEIL and PRINCE

## Egyptian

[**218** — Elementary course in Coptic. 1 hour. Half course. Professor PRINCE]

## SLAVONIC

**101-102** — Elementary Russian. 2 hours. 2 full courses. Professor PRINCE

**103** — Selections from Russian prose with exercises in writing and conversation. 2 hours. Full course. Professor PRINCE

**104** — Russian prose and poetry. Introduction to Church-Slavonic. 2 hours. Full course. Professor PRINCE

**cX1-X2** — Elementary grammar, colloquial and written Russian. Mr. ANDREYWSKY

## PATHOLOGY

*See introductory paragraphs, page 61*

*Professor:* W. G. MACCALLUM (*Executive Officer*)

*Assistant Professors:* A. M. PAPPENHEIMER and J. H. LARKIN

*Associate:* C. B. COULTER and R. A. LAMBERT

*Instructors:* B. T. TERRY, M. J. SITTENFIELD, B. S. KLINE, G. M. MCKENZIE, and H. A. RILEY

*Assistants:* C. W. FIELD, H. S. HOWE, V. B. SEIDLER, B. R. ALLISON, F. A. EVANS and R. W. LEWIS

Courses **101-102**, **105-106**, **107**, **201-202**, and **251-252** are open to candidates for the degree of A.M. or Ph.D. Courses **101-102**, **105-106**, **107**, **113-114**, **201-202**, **203**, **205**, and **251-252** are open to graduates in medicine.

**101-102** — General and special pathology. 6 hours, first half, and 9 hours second half year. Two full courses. Professors MACCALLUM and PAPPENHEIMER, and Dr. LAMBERT, and others

**103-104** — Conference in pathology. 1 hour. Professor MACCALLUM

**105-106** — Gross pathological anatomy and attendance upon autopsies



in sections one hour daily. 2 hours. 2 half courses. Professors MACCALLUM and PAPPENHEIMER, and Drs. FIELD, LAMBERT, and others

**107** — Experimental pathology. 3 hours. Half course. Professor MACCALLUM

**109-110** — Microscopical study of autopsy material. 3 hours. Drs. LAMBERT and MACKENZIE

**113-114** — Clinical and pathological conference. 1½ hours. Professors MACCALLUM, PAPPENHEIMER and LONGCOPE, and Drs. SWIFT and LAMBERT

**201-202** — Advanced pathology. 2 half, full or double courses. The officers of the department

**203** — Gynecological pathology. 2 hours. Dr. LAMBERT

**205** — Pathology of certain common diseases. 3 hours. Drs. LAMB and PAPPENHEIMER

**251-252** — Research in pathology. Two half, full or double courses. Professor MACCALLUM and staff

**Equipment.** — The department of pathology occupies the greater part of the fourth floor of the north building of the college, together with large class laboratories, amphitheater, photographic rooms, etc., on the fifth floor. On the fourth floor there are, besides the rooms devoted to the staff, large rooms with abundant desk room for special workers, several specially equipped operating rooms for aseptic experimental work, a small chemical laboratory, the museum, preparation rooms, cold storage, etc. Two rooms on this floor are occupied by the library, which is accessible to workers in this and related departments. The museum of pathology is used both for the instruction of medical students and as a place of deposit for specimens showing new or rare forms of lesion. On the roof there is commodious accommodation for animals together with small special rooms for experimental work. The entire space is amply lighted, fully furnished and equipped with apparatus necessary for routine teaching and special research.

## PHARMACOLOGY

*See introductory paragraphs, page 61*

*Assistant Professor:* C. C. LIEB

*Instructors:* A. C. FREEMAN, G. M. GOODWIN, A. T. MARTIN and W. M. PLATT

**101-102** — Experimental pharmacology. *C* 3 hours, *L* 4 hours. Professor LIEB and Drs. FREEMAN and GOODWIN

**213-214** — General pharmacology. *C* 1 hour, *L* 6 hours. Professor LIEB and Dr. FREEMAN

**215** — Biological standardization of drugs. 7 hours. Professor LIEB

**217** — Practical prescription writing. 3 hours. Dr. FREEMAN

**251-252** — Research in pharmacology. Professor LIEB and Dr. FREEMAN

**Journal Club.** — A journal club, composed of the members of the staff and graduate students holds weekly meetings for the discussion of current literature and special investigations.

The laboratory is equipped with such apparatus as is necessary to study the pharmacologic action of the more important drugs.

## PHARMACY

The New York College of Pharmacy is the Division of Pharmacy of Columbia University. In the section of the Catalogue devoted to the Col-

lege of Pharmacy will be found a list of its officers and information as to the equipment and method of instruction. The Program of Studies includes the following courses:

### College Class

#### *First Year*

Physics. — Lectures and recitations. 4 points. Professor ARNY and Mr. HOSTMANN

General and Pharmaceutical Chemistry. — Lectures and recitations. 6 points. Professors ARNY and OEHLER

Analytical Chemistry. — Laboratory and theoretical course and recitations. 3 points. Professor LESLIE and

Theory of Pharmacy. — Lectures and recitations. 5½ points. Professor DIEKMAN and Dr. BROWN

Practical Pharmacy. — Laboratory course. 2 points. Professors DIEKMAN and WIMMER and Dr. BROWN

Dispensing Pharmacy. — Laboratory course. 1 point. Professors DIEKMAN and WIMMER and Dr. BROWN

Pharmaceutical Latin. — Exercises. ½ point. Professor DIEKMAN

Pharmaceutical Accounting. — Lectures and laboratory exercises. 3 points. Professor PACE, Mr. SCHAEFERLE and Mr. KENNEDY

Physiology. — Lectures and recitations. 4 points. Professor RUSBY and Dr. BALLARD

Botany. — Lectures, recitations and laboratory course. 5 points. Professor RUSBY and Dr. BALLARD

Vegetable Histology. — Laboratory course. 2½ points. Professor MANSFIELD, Dr. BALLARD and Miss HART

Posology. — Recitations. ½ point. Dr. BALLARD

### University Class

#### *First Year*

The program for the University Class will be the same as that for the College Class, announced above, with the exception of Botany, Physiology and Posology, in place of which the following will be substituted:

General Biology. — Lecture and recitation course and laboratory course. 7 points. Professor MANSFIELD and Miss HART

Practical Physics. — Laboratory course. 1 point. Professor ARNY and Mr. HOSTMANN

Crystallography. — Lectures and recitations. 2 points. Professor ARNY and Mr. HOSTMANN

### College Class

#### *Second Year*

General Organic, Pharmaceutical and Medical Chemistry. — Lectures and recitations. 8 points. Professors ARNY and OEHLER

Analytical Chemistry. — Laboratory course. 3 points. Professor — and Dr. —

Practical Pharmacy. — Lectures and laboratory course. 8½ points. Professors DIEKMAN and WIMMER and Dr. BROWN

Dispensing Pharmacy. — Laboratory course. 1 point. Professors DIEKMAN and WIMMER and Dr. BROWN

Pharmaceutical Jurisprudence. — Lectures and recitations.  $\frac{1}{2}$  point. Professors DIEKMAN and WIMMER

Materia Medica. — Lectures and recitations. 5 points. Professor RUSBY and Dr. BALLARD

Toxicology. — Lectures and recitations. 1 point. Professor RUSBY and Dr. BALLARD

Macroscopic Pharmacognosy. — Laboratory course.  $1\frac{1}{2}$  points. Professor MANSFIELD and Dr. BALLARD

Microscopic Pharmacognosy. — Laboratory course.  $1\frac{1}{2}$  points. Professor MANSFIELD and Dr. BALLARD

### University Class

#### *Second Year*

The program for the University Class agrees with that for the College Class, as announced above, with the exception of Materia Medica, Toxicology and Pharmacognosy, for which are substituted the Botany, Physiology and Posology of the first year College Course.

### University Class

#### *Third Year*

Materia Medica, Toxicology and Pharmacognosy of the second year college course

Technical and Synthetic Organic Chemistry. — Lectures and recitations and laboratory course. 4 points. Professor ARNY and Dr. LESLIE

Analytical Chemistry and Urine Analysis. — Chemical laboratory and microscopical laboratory. 6 points. Professors — and MANSFIELD

Higher Pharmacy. — Lectures and recitations and laboratory. 8 points. Professors DIEKMAN and WIMMER and Dr. BROWN

Dispensing Pharmacy. — Laboratory. 2 points. Professors DIEKMAN and WIMMER and Dr. BROWN

**Equipment.** — The College of Pharmacy is supplied with a full equipment, in all departments, independent of any of the other resources of the University.

The Library has been built up for the special purpose of supplying the needs of the pharmaceutical profession, both within and without the College. It contains some 5000 volumes and extensive series of periodicals on Pharmacy, Chemistry and Botany, and is accessible, during the regular College hours, not only to members and students of the College but to the pharmacists of the City.

All lecture courses are fully supplied with charts, apparatus and materials for demonstrating the subjects taught. The Physics laboratory is well supplied with apparatus for students' practice, including a full set of crystal models and a goniometer.

In the chemical and pharmaceutical laboratories there is a separate desk, with locker, for each student, 150 working together, supplied with a full set of apparatus, reagents and materials. The laboratory in dispensing pharmacy, re-fitted during the summer of 1914, provides a separate desk and locker for each student, with every facility for securing a thorough training in prescription filling.

The bacteriological laboratory is supplied with apparatus for each student, enabling him to become proficient in identifications of bacteria and the making of culture.

In the botanical laboratory, each student is supplied with a complete set of dissecting material to illustrate the gross and microscopical structure of plants, and also with an excellent microscope for the study of cells and cell contents.

In pharmacognosy, each student receives a complete set of several hundred specimens of standard drugs, which he retains permanently.

A similar supply of specimens and microscopes is furnished for the study of all subjects in the course in general biology.

## PHILOSOPHY AND PSYCHOLOGY

*See introductory paragraphs, page 61*

*Professors:* F. ADLER, J. MCK. CATTELL, J. DEWEY (*Executive Officer, Philosophy*), G. S. FULLERTON, H. G. LORD, J. A. MACVANNEL,\* D. S. MILLER, E. L. THORNDIKE, F. J. E. WOODBRIDGE and R. S. WOODWORTH (*Executive Officer, Psychology*)

*Associate Professors:* W. T. BUSH, A. L. JONES, W. P. MONTAGUE, N. NORSWORTHY, and W. B. PITKIN

*Assistant Professors:* H. A. RUGER, H. L. HOLLINGWORTH and M. T. WHITLEY

*Instructors:* W. F. COOLEY, J. J. COSS, A. T. POFFENBERGER, JR., and H. T. COSTELLO

*Lecturers:* R. B. OWEN, G. PECKHAM, N. T. BOGGS, and Mrs. C. L. FRANKLIN

*Non-resident Lecturer:* Rev. Father C. CLIFFORD and R. DODGE

*Assistants:* M. A. MARTIN, J. J. B. MORGAN, S. P. WHITE and W. B. VEAZIE

### Philosophy

**A1-A2** — Introductory course. Principles of science. 3 hours. 6 points. Professor JONES, Dr. COOLEY, Mr. COSS, Dr. OWEN, Dr. PECKHAM, Mr. BOGGS (Columbia College)

**H1** — Honors conference — Readings from the logical writings of Aristotle, Bacon and Mill. Mr. COSS

**H2** — Honors conference — Readings from Aristotle, Aquinas, Hobbes, Spinoza, Leibniz and Hegel.

**H3** — Honors conference — Readings from James, Dewey, Bradley, Royce, Haeckel, Santayana and Bergson. Dr. PECKHAM

**H4** — Honors conference — Essays on assigned topics. Mr. COSS

**A1-A2** — Introductory course. First half-year, psychology; second half-year, logic. 3 hours. 6 points. Professors MONTAGUE, HOLLINGWORTH and Dr. COSTELLO (Barnard College) Professor PITKIN (Journalism)

**9** — Problems in philosophy. 3 hours. 3 points. Mr. BOGGS (Columbia)

**21** — Ethics. 3 hours. 3 points. Professor LORD (Columbia and Barnard)

**22** — Ethics. 3 hours. 3 points. Professor MONTAGUE (Barnard)

**33** — Moral and political thinking in the nineteenth century. 3 hours. 3 points. Mr. COSS (Columbia)

\* Deceased

34 — Problems of conduct in the economic and social life of today. 3 hours. 3 points. Mr. COSS (Columbia)

42 — *Æsthetics*. 3 hours. 3 points. Professor BUSH (Columbia)

51-52 — Ideals of life in modern literature. 2 hours. 4 points. Professor MILLER (Columbia)

61 — The history of ancient philosophy. 3 hours. 4 points. Professor MONTAGUE (Barnard)

61-62 — History of philosophy. 4 hours. 8 points. Professor WOODBRIDGE (Columbia)

79-80 — Contemporary philosophy. 2 hours. 6 points. Dr. COSTELLO (Barnard)

Conference course. For qualified students in Philosophy 61-62, History 71-72 and English 21-22

107 — Recent English realism. 2 hours. Full course. Dr. COSTELLO

108 — Logistic. 2 hours. Full course. Dr. COSTELLO

[121-122 — Psychological ethics. Two full courses. Professor DEWEY]

123-124 — History of ethics. 2 hours. Two full courses. Dr. COOLEY

126 — The organic conception of the state in ancient and modern times. Full course. Professor ADLER

131-132 — Moral and political philosophy. 3 hours. Two full courses. Professor DEWEY

141 — *Æsthetics*. 2 hours. Full course. Professor BUSH

161-162 — General history of philosophy. 4 hours. Two full courses. Professor WOODBRIDGE

164 — The philosophy of Bergson — exposition and criticism. 1 hour. Half course. Professor MILLER

175-176 — Scholasticism. 2 hours. Two full courses. Father CLIFFORD

179-180 — Present day philosophy and the problem of evolution. 2 hours. Two full courses. Professor MONTAGUE

181-182 (Ed. 241-242) — Philosophy of education. Two full courses. Professor KILPATRICK

201-202 — Types of logical theory. Two full courses. Professor DEWEY

204-205 — Metaphysics — Aristotle's logic and metaphysics. Full course. Professor WOODBRIDGE

225-226 — The foundation of ethics. 2 hours, bi-weekly. Two full courses. Professor ADLER

261-262 — Continental and British philosophy. Two full courses. Dr. PECKHAM

269-270 — Ancient and modern idealism. Two full courses. Professor BUSH

281-282 (Ed. 441-442) — Practicum — Philosophy of education. Two full courses. Professors KILPATRICK and HENDERSON

292 (Ed. 446) — Philosophy and education in their historic relations. Full course. Professor DEWEY

Departmental conferences are held bi-weekly throughout the year. Candidates for the degree of A.M. or Ph.D. are expected to attend and participate.

Joint seminar with the department of anthropology. Second half-year.

(Omitted from 1914-15 catalogue — 263-4 — Kant. 2 hours. 2 full courses. Dr. SLONIMSKY)

### Summer Session

sA1 — Principles of science: methods, deductive and inductive logic. 3 points. Professor BROWN

**sA2** — Principles of science: concepts and problems of philosophy. 3 points. Mr. COSS

**s101** — Foundations of philosophy. Full course. Professor BROWN

**s121** — Radical, conservative and reactionary tendencies in present-day morals. Full course. Professor MONTAGUE

**s161** — General history of philosophy. Part I. Full course. Mr. COSS

**s162** — General history of philosophy. Part II. Full course. Professor MONTAGUE

**s163** — The philosophy of history. Full course. Professor WOODBRIDGE

**s204** — Metaphysics. Full course. Professor WOODBRIDGE

Religion **11** — Philosophy of religion. Half course. Professor HUME

Religion **12** — Theism. Half course. Professor HUME

Religion **21** — The philosophy of religion with special reference to Christianity. Full course. Professor HUME

Religion **22** — The truth of the Christian religion. Full course. Professor HUME

### Extension Teaching

**eA1** or **eA4** — Principles of science: methods, deductive and inductive logic. 3 points. Dr. OWEN

**eA2** or **eA5** — Principles of science: concepts and problems of philosophy. 3 points. Mr. COSS

**e21** — Ethics, theoretical and practical. 2 points. Dr. COOLEY

**e22** — Ethical ideals, past and present. 2 points. Dr. COOLEY

**e135-136** — Radical, conservative and reactionary tendencies in present-day morals. Two full or two half courses. Professor MONTAGUE

### Psychology

**1** — Elements of general psychology. 3 hours. 3 points. Professor LORD

**2** — Social psychology. 3 points. Professor WOODWORTH

**3-4** — Experimental psychology, introductory course. *C* 2 hours, *L* 4 hours. 8 points. Professor WOODWORTH and Dr. POFFENBERGER, assisted by Mr. MARTIN

**7-8** — Experimental psychology, introductory course. *C* 2 hours, *L* 4 hours. 8 points. Professor HOLLINGWORTH (Barnard)

**9-10** — Experimental psychology, intermediate. *C* 1 hour, *L* 4 hours. 6 points. Professor HOLLINGWORTH (Barnard)

**11** — Abnormal and applied psychology. 3 points. Professor HOLLINGWORTH (Barnard)

**12** — Analytic psychology. 2 hours. 3 points. Professor HOLLINGWORTH (Barnard)

**42** — Applied psychology. 3 points. Dr. POFFENBERGER

**101-102** — Survey of modern psychology. Two full courses. Professor WOODWORTH

**103-104** — Experimental study of the intellectual processes. Two full courses. Professor WOODWORTH and Dr. POFFENBERGER

**111** — Experimental psychology, advanced course. Full course. Professor WOODWORTH and Dr. POFFENBERGER

**112** — Experimental psychology, advanced course. Full course. Professor CATTELL

**113-114** — Experimental psychology. Laboratory work. Two half or two full courses. Professor CATTELL and Mr. MORGAN

**131-132** — Physiological psychology. Two full courses. Professor WOODWORTH

**133-134** — Laboratory course in physiological psychology. Two half courses. Dr. POFFENBERGER

**135-136** — Pathological psychology. Two half courses. Professor WOODWORTH

**161-162** — Advanced systematic psychology. Two full courses. Dr. POPPENBERGER

**171-172** — The psychology of religion

**251-252** — Neurology and psychiatry. Professors TILNEY and CASAMAJOR  
Research in psychology. Professors CATTELL, WOODWORTH and HOLLINGWORTH, Dr. POFFENBERGER and Mrs. FRANKLIN

For courses in Educational Psychology, see pp. —

**253-254** — Psychopathy and psychotherapy. Two full courses. Dr. HABERMANN

**259-260** — Clinical psychology. Two full courses. Dr. BISCH

**271-272** — The psychology of mysticism. Professor COE and Dr. HARTSHORNE

### Summer Session

**s1** — Elements of psychology. 2 points. Professors WASHBURN, WOODWORTH and Mr. MORGAN

**s101** — Survey of modern psychology. Half course. Professor WOODWORTH

**s104** or **s104a** — Experimental psychology. Full or half course. Dr. POPPENBERGER

**s131** — Physiological psychology. Full course. Dr. POFFENBERGER

**s135** or **s135a** — Abnormal psychology. Half or full course. Professor HOLLINGWORTH

**s141** or **s141a** — Applied psychology. Half or full course. Professor HOLLINGWORTH

**s165** — Social psychology. Full course. Professor WASHBURN

**s283** or **s283a** — Research course. Full or half course. Professor WOODWORTH

### Extension Teaching

**e1-2** — Elements of psychology. 6 points. Dr. POFFENBERGER

**e135-136** — Recognition and treatment of abnormal states. Two half courses. Dr. BISCH

**e141-e142** — Psychology of advertising. Two half courses. Professor HOLLINGWORTH

**e145-146** — Applied psychology. Two half courses. Professor HOLLINGWORTH

**e165-166** — Social psychology. Two half courses. Professor WOODWORTH

**e191-192** — Psychology of advertising and selling. Two half courses. Professor HOLLINGWORTH

**e235-236** — Recognition and treatment of abnormal mental states. Advanced course. Two full courses. Dr. BISCH

**Equipment.** — The library facilities of Columbia University and of the city of New York, for students of philosophy and psychology, are unusually

<sup>1</sup> Union Theological Seminary.

good. The collection of books on the history of philosophy in the University Library is very large, that on Kant and his philosophy being especially complete. About 1000 periodicals are regularly received, and among them will be found every journal of importance, American or foreign, dealing with philosophy or psychology. Duplicates of the more important psychological books and journals are placed in the Psychological Laboratory, where there is also a card index of psychological literature containing over 25,000 titles. Students of psychology will also find much of value in the Library of the Academy of Medicine, 17 West 43rd Street, which is open to students free of charge. The New York Public Library is available for students, when introduced by one of the instructors, on especially favorable terms.

The Psychological Laboratory in Schermerhorn Hall, besides the lecture-room and laboratories for introductory courses, contains ten rooms available for research work, some of them being specially constructed for particular sorts of psychological experiments. There is also a departmental library of the most important original literature of experimental psychology, and a well-equipped workshop in which much of the apparatus required for research or for laboratory courses is made by the aid of a skilled instrument-maker. The collection of apparatus includes that required for demonstration in courses in experimental and physiological psychology and for laboratory work in the same subjects; the outfit of an anthropometric laboratory with a full equipment for various forms of mental tests; an adding machine and other aids in statistical work; and apparatus that has been used or is being used in research.

## PHYSICAL EDUCATION

*See introductory paragraphs, page 61*

*Professor:* T. D. WOOD (*Executive Officer*)

*Associate Professor:* G. L. MEYLAN

*Assistant Professors:* H. B. KEYES, J. F. WILLIAMS and E. S. ELLIOTT

*Associate:* T. N. METCALF

*Instructors:* T. B. KIRKPATRICK and G. WEEMAN

Hygiene 1-2 — Lectures, quizzes, and reports on topics of personal and community hygiene. 3 hours. Professor MEYLAN

A1-A2 — Elementary graded gymnastic exercise, athletics, swimming, and lectures on personal hygiene. 3 hours. 4 points. Professors MEYLAN and ELLIOTT, Messrs. METCALF, KIRKPATRICK, WEEMAN, HOLM, KENNEDY, and SANBORN

1-2 — Athletics, games, gymnastics, swimming, and life-saving. 3 hours. 6 points. Messrs. METCALF and WEEMAN

e1-2 — Hygiene and sanitation. 3 hours. 6 points. Professor MEYLAN

eA1-A2 — Gymnastics and games. 4 points. Dr. ELLIOTT

eY1-Y2 — Swimming. Mr. KENNEDY

eZ1-Z2 — Boxing. Mr. WEEMAN

A1-A2 — Lectures on personal hygiene, elementary athletics, games, and dancing. In sections. 2 hours. Miss BEEGLE

B1-B2 — Lectures on hygiene and sanitation, athletics, games, and dancing. In sections. 2 hours. Miss BEEGLE

C1-C2 — National folk and æsthetic dancing. 2 hours. Miss BEEGLE

D1-D2 — Hygiene and public health problems. 1 hour. Miss BEEGLE



See also courses given at Teachers College. For details consult the separately printed *Bulletin of Teachers College, School of Practical Arts*.

**Equipment.** — The main exercising room is semicircular in shape, and has a floor area of 16,000 square feet. The ceiling is 35 feet high, and the room is well lighted and well ventilated, both naturally and artificially. The running track is 11 feet wide, with ends raised, and measures 10 laps to the mile. On the same floor as the running track are the Gymnasium and Director's offices, an auxiliary gymnasium 80 × 100 feet, rooms for fencing, boxing, and handball, two large dressing-rooms with 2600 steel lockers, and 32 shower-baths. Below the exercising room is the swimming pool, semicircular in shape; it measures 100 by 50 feet on its axes, and contains 260,000 gallons of water which is filtered and sterilized daily. The depth is from 4 to 10 feet. Around the pool are the dressing-rooms and 20 shower and needle baths. On this floor is also a large room and two dressing-rooms equipped with shower-baths and lavatories, for the use of the various athletic teams.

The athletic field is equipped with a  $\frac{1}{4}$ -mile running track, baseball field, basketball court, facilities for jumping, pole vaulting, putting the shot, etc., seven tennis courts, and a dressing-room with 1000 lockers and shower-baths.

The Gould Boat-house, located on the Hudson River, at the foot of 116th Street, is equipped with boats of all descriptions, lockers, baths, etc.

The Frederick Ferris Thompson Memorial Building, which houses the department of Physical Education of Teachers College, was given by Mrs. F. F. Thompson. It is a building of four stories devoted to the purpose of physical education and school hygiene. It contains offices, examination rooms, lecture- and class-rooms, laboratories, handball courts, bowling alleys, a swimming pool, four gymnasiums, rooms for corrective exercises, dressing-rooms, shower-baths, fencing-room, and a suite of rooms for photographic purposes. This building provides physical-training facilities for women and the pupils of the Horace Mann School, and the varied equipment for the theoretical and practical instruction of professional students in physical education.

The Gymnasium is open daily during the academic year, except on Sundays and legal holidays, from 8.30 A.M. to 6.30 P.M., Tuesdays, Wednesdays and Fridays, and 8.30 A.M. to 10 P.M., Mondays, Thursdays and Saturdays. It is closed for the entire day only on Thanksgiving, Christmas, New Year's, and Good Friday. On all other holidays it is open from 3 to 6 P.M. One or more of the instructors are on the floor at all times when the Gymnasium is open.

A course in physical education is required of all Freshmen in Columbia College, also first-year students in the School of Journalism. A physical examination is required of each student in these classes upon entrance and at the end of the second year, and of all other students taking part in athletics.

Every student is entitled to a physical examination by the Medical Director. On the basis of this examination advice is given as to the kind and amount of exercise best adapted to his needs.

## PHYSICS

*See introductory paragraphs, page 61*

*Professors:* C. L. POOR, M. I. PUPIN,<sup>1</sup> G. V. WENDELL, A. P. WILLS and J. F. WOODHULL

*Associate Professors:* B. DAVIS, M. E. MALTBY and G. B. PEGRAM  
(Executive Officer)

<sup>1</sup> Absent on leave 1915-16.

*Assistant Professors:* C. H. BURNSIDE, J. P. C. SOUTHALL, F. C. SCHROEDER, C. C. TROWBRIDGE and H. W. WEBB

*Instructors:* H. W. FARWELL, G. LANGFORD, L. B. MORSE, W. L. SEVERINGHAUS, W. W. STIFLER, and M. F. WEINRICH

*Lecturers:* J. A. BROWN and W. S. DAY

*Assistants:* L. C. BRANT, F. S. GOUCHER, and W. M. STEMPER

### Experimental Physics, Mechanics and Mathematical Physics

**A1-A2** — General elementary physics. *C* 3 hours and *L* 2 hours. 4 points. Professor DAVIS, Mr. FARWELL and Mr. BROWN.

**H1** — Honors conference. Mechanics. 2 hours. Professor WEBB

**H2** — Honors conference. Heat and light. 2 hours. Professor WEBB

**H3** — Honors conference. Electricity and magnetism. 2 hours. Professor WEBB

**H4** — Honor conference. Theoretical physics. 2 hours. Professor PEGRAM

**6** — Mechanics and wave motion. 6 hours. 6 points. Professors WENDELL and WEBB, Dr. SEVERINGHAUS and Dr. WEINRICH

**2** — Mechanics and wave motion. 4 hours. Professors WENDELL and WEBB

**7** — Heat and light. 6 hours. 6 points. Professors WENDELL, SEVERINGHAUS and WEINRICH

**3** — Heat and light. 4 hours. 6 points. Professors WENDELL and WEBB

**8** — Electricity. 6 hours. 6 points. Professor WENDELL, Dr. SEVERINGHAUS and Dr. STIFLER

**4** — Electricity. 4 hours. 4 points. Professors WENDELL and WEBB

**49-50** — Physical laboratory. *L* 3 hours. 3 points. Professors WENDELL and WEBB, Dr. SEVERINGHAUS, Dr. STIFLER, Dr. WEINRICH

**41-42** — Physical laboratory. *L* 2, 4 or 6 hours. 1, 2, or 3 points. Mr. FARWELL

**12** — Mechanics — statics. 2 hours. 2 points. Professor BURNSIDE

**15-16** — Analytical mechanics. 3 hours. 3 points. Professor PEGRAM

**123-124** — Mechanics. 3 hours. Full course. Professor PEGRAM

**103-104** — Statics and dynamics. 3 hours. Full course each half-year. Professors BURNSIDE and SCHROEDER

**105** — Thermodynamics. 2 hours. Professors WILLS and PEGRAM

**106** — Theory of heat. 3 hours. Professor WILLS

**107-108** — Theory of electricity and magnetism. *C* 2 hours first half-year, *C* 3 hours second half-year. Professor WILLS

**109-110** — Theory of alternating current machines and theory of electrical currents. *C* 4 hours first half-year, *C* 3 hours second half-year. Professor MORECROFT

**52** — Conduction of electricity in gases. 1 hour. Professor DAVIS

**149** — Physical laboratory. *L* 3 hours. One-half course. Professor WENDELL, Dr. STIFLER and Dr. WEBB

**150** — Physical measurement and physical laboratory. *C* 2 hours, *L* 3 hours. Full course. Professor WENDELL and Dr. WEINRICH

**154** — Sound and theory of oscillations. *C* 2 hours. Half course. Professor DAVIS

**157** — Experimental optics. *C* 3 hours. Half course. Dr. MORSE

**151-152** — Advanced laboratory course. *L* 4 to 16 hours. Half to two full courses each half-year. Professor TROWBRIDGE

**201** — Vector analysis and mathematical introduction. *C* 4 hours. Full course and a half. Professor WILLS

**203-204** — Partial differential equations of physics. *C* 2 hours. Full course each half-year. Dr. WEBB

**206** — Mechanics. *C* 4 hours. Full course and a half. Professor WILLS

**208** — Theory of elasticity. *C* 2 hours. Half course. Professor WILLS

**213** — Thermodynamics. *C* 4 hours. Full course. Professor PEGRAM

**215-216** — Electricity and magnetism. *C* 2 hours. Full course each half-year. Professor WILLS

**241-242** — Celestial mechanics. *C* 2 hours. Half course each half-year. Professor POOR

**255** — Discharge of electricity through gases. *C* 3 hours. Half course. Professor DAVIS

**258** — Phenomena of radio-activity. *C* 2 hours. Half course. Professor PEGRAM

**259** — Spectroscopy. *C* 2 hours. Half course. Dr. MORSE

**Journal Club.**— The Journal Club of the Department meets every week for the discussion of the current literature of physics, and for reports of special investigations.

#### Barnard College

**1-2** — Elementary physics. *C* 3 hours, *L* 2 hours. 6 points. Professor MALTBY and Miss BRANT

**11-12** — General physics. *C* 3 hours, *L* 2 hours. 6 points. Miss LANGFORD and Miss BRANT

**31** — Mechanics. *C* 3 hours, *L* 2 or 4 hours. 4 or 5 points. Miss LANGFORD

**32** — Heat and properties of matter. *C* 3 hours, *L* 2 or 4 hours. 4 or 5 points. Miss LANGFORD

**33** — Sound. *C* 3 hours, *L* 2 hours. 4 points. Professor MALTBY

**34** — Light. *C* 3 hours, *L* 2 hours. 4 points. Miss LANGFORD

**35** — Electricity and magnetism. 4 or 5 points. Miss LANGFORD

**36** — Electricity. 4 points. Miss LANGFORD

**138** — Theory of electricity. 3 points. Professor MALTBY

#### Teachers College

Physical science **101-102** — History of physical science. Half course each half-year. Professor WOODHULL

See other courses under Education

#### Summer Session

**s1** — Statics. 2 points. Mr. WHITEMORE

**s9** — Statics. Full course. Professor BURNSIDE

**s102a** — Statics. Half course. Professors SCHROEDER and McCULLOUGH

**s102b** — Dynamics. Full course. Professors SCHROEDER and McCULLOUGH and Mr. WHITEMORE

**SA1-SA2** — Elementary course in general physics. Professor HULL, Dr. STIFLER and Mr. BLANCHARD

**SA1** — Mechanics, wave-motion and sound. 3 points. Professor HULL, Dr. STIFLER and Mr. BLANCHARD

sA2 — Heat, light and electricity. 3 points. Professor HULL, Dr. STIFLER and Mr. BLANCHARD

s6 — Elementary mechanics, wave-motion and hydrostatics. 6 points. Mr. FARWELL

s7 — Heat and light. 6 points. Dr. MORSE

s8 — Electricity. 6 points. Dr. WEINRICH

s14 — Acoustics and its practical relation to music. 2 points. Professor MALTBY

s33a, or b — Intermediate laboratory course in general physics. 1 or 2 points. Dr. SEVERINGHAUS

s43 — Physical laboratory. 3 points. Dr. SEVERINGHAUS

s107 — Principles and experiments. Half course. Professor HULL

s120 — Some controlling ideas in the present day development of physics.

Half course. Professor PEGRAM

s154 — Theory of oscillations. Full course. Professor MORECROFT

s164 — Radio-transmission. Half course. Professor MORECROFT

s272 — Research course. Full or half course. Professor PEGRAM

### Extension Teaching

1 — Statics. C 3 hours. 3 points. Mr. WHITEMORE

eA1-A2 — Elementary course in general physics. C 3, L 2 hours. 8 points. Mr. FARWELL, Mr. BROWN, and Mr. ULREY

eP1 — General principles and processes of photography. 2 points. Dr. WEINRICH

eP2 — Photo physics and sensitometry. 2 points. Dr. WEINRICH

A1 — General course. Professor SOUTHALL

1-2 — Theoretical optics. Professor SOUTHALL

3-4 — General anatomy with special reference to the anatomy and physiology of the eye. Mr. WOLL

6 — Practical optics. Mr. WOLL

8 — Theoretical optometry. Mr. CROSS and Mr. PRENTICE

9-10 — Theoretical optics. Professor SOUTHALL

11-12 — Physiological optics. Professor SOUTHALL

13-14 — Practical optics. Mr. WOLL

15-16 — Theoretical optometry. Mr. CROSS

17-18 — Pathological conditions of the eye. Dr. WELZMILLER

19-20 — Practical optometry. Mr. CROSS

Equipment. — The laboratories and lecture-rooms of the Department of Physics are in Fayerweather Hall. They are supplied with the usual general equipment of a physical laboratory.

The laboratories used for research work have been named by the Trustees the "Phoenix Physical Laboratories," in memory of Mr. Stephen Whitney Phoenix, who bequeathed to the University an endowment for research in physics and chemistry.

Under the direction of the professor of electro-mechanics, laboratories have been equipped in Philosophy Hall from the Marcellus Hartley fund for research in the subjects of electricity and magnetism. The laboratories afford unusual opportunities for students desiring to specialize in these subjects.

A recent gift from Mr. Edward Dean Adams provides a sum to procure apparatus for what is to be known as the Ernest Kempton Adams Precision Laboratory. As rapidly as the apparatus can be purchased and installed

this laboratory is being equipped with instruments of the best design and highest precision for measurements in mechanics, heat, light, radio-activity, and those branches of electricity not already provided for by the Marcellus Hartley fund.

The physics laboratories at Barnard College occupy the second floor and a part of the basement of Fiske Hall. They are well equipped for quantitative experimental work in the courses offered.

The physics laboratories and lecture-room of Teachers College are especially equipped for illustrating the teaching of physics in secondary and normal schools.

## PHYSIOLOGY

*See introductory paragraphs, page 61*

*Professor:* F. S. LEE (*Executive Officer*)

*Associate Professor:* R. BURTON-OPITZ

*Assistant Professor:* F. H. PIKE

*Associates:* E. L. SCOTT, J. S. WHEELWRIGHT and H. B. WILLIAMS

*Instructors:* F. W. BISHOP, D. GORDON, H. E. B. PARDEE, A. H. TERRY, JR. and E. VAN KLEECK

All courses except 1-2 and 106-107 are open to women

1-2 — Elementary physiology. 2 points. C 1 hour, L 2 hours. Dr. SCOTT, (E. L.)

106-107 — Human physiology. C 5 hours, D 1 hour, L 3 hours. Two full courses. Professor BURTON-OPITZ and Drs. BISHOP, GORDON, PARDEE, TERRY and WILLIAMS (H. B.)

108 — Physics of X-rays. 1 hour, six weeks. Dr. WILLIAMS (H. B.)

201-202 — General physiology. C 1 hour, L 5 hours. Two full courses. Professor PIKE and Dr. SCOTT (E. L.)

203-204 — Special physiology. C 1 hour, L 5 hours. Two full courses. Professors BURTON-OPITZ and PIKE, Drs. SCOTT (E. L.) and WILLIAMS (H. B.)

205-206 — Problems of evolution from the standpoint of physiology. C 1 hour. Half course. Professor PIKE

207 — Clinical physiology. Half course. 2 hours. Professors BURTON-OPITZ and PIKE and Drs. WHEELWRIGHT and WILLIAMS (H. B.)

251-252 — Research in physiology. Half, full or double course. Under the direction of the professor of physiology. The officers of the department

### Summer Session

s1 or s1a — Elementary physiology. C 5 hours, L 4 hours. 1 or 2 points. Professor BURTON-OPITZ

s2 — Advanced physiology. C 3 hours, L 4 hours. 1 point. Professor BURTON-OPITZ and assistants

s103 — General physiology. C 2 hours. 1 point. Professor BURTON-OPITZ

s104 — Advanced practical physiology. Half course. L 6-10 hours. Professor BURTON-OPITZ and assistant

s105 — Mammalian physiology. Half course. Professor BURTON-OPITZ and assistant

**Research.** — The laboratories are open for research, under the direction of their officers, to advanced workers.

**Journal Club.** — A journal club, composed of the members of the staff and graduate students, holds weekly meetings for the discussion of current literature and special investigations.

**Equipment.** — The main equipment of the Department of Physiology is at the College of Physicians and Surgeons. It comprises one large laboratory, which is provided with special apparatus for teaching purposes; one large and four small laboratories for research; several private rooms for the use of the officers of the department; the Swift Physiological Cabinet, containing a specially endowed and very full collection of apparatus of precision, mainly for research; a library containing complete sets of all of the physiological journals, monographs and other books, and many reprints of special articles; two dark-rooms for optical and photographic work, and an outfit of machines and tools for working in wood and metal. Skilled mechanics give their entire time to the design, manufacture, and repair of apparatus. The laboratories are connected by wires with the Vanderbilt Clinic and the Roosevelt Hospital so that the string galvanometers of the department are available for making electrocardiographic records from patients. In Schermerhorn Hall at Morningside Heights the department has the use of a laboratory equipped for the instruction of undergraduates.

**POLITICAL PHILOSOPHY** (see page 93)

**POLITICS** (see page 93)

## PRACTICE OF MEDICINE

*See introductory paragraphs, page 61*

*Professor:* W. T. LONGCOPE (*Executive Officer*)

*Professors of Clinical Medicine:* N. E. BRILL, W. K. DRAPER, E. M. EVANS, A. W. HOLLIS, F. HUBER, F. W. JACKSON, W. B. JAMES, J. KAUFMANN, S. W. LAMBERT, E. LIBMAN, G. R. LOCKWOOD, J. A. MILLER, V. H. NORRIE, J. S. THACHER, N. STADTMÜLLER and S. WACHSMANN

*Associate Professors:* H. F. SWIFT and W. R. WILLIAMS

*Assistant Professors of Clinical Medicine:* D. BOVAIRD, JR., C. N. B. CAMAC, L. F. FRISSELL, T. S. HART, N. B. POTTER, G. A. TUTTLE, K. M. VOGEL, B. S. OPPENHEIMER, G. L. LAPORTE, H. S. PATTERSON

*Associates:* W. A. BASTEDO, H. EMERSON, W. W. HERRICK and H. C. THACHER

*Associates in Clinical Medicine:* H. S. CARTER and A. E. SUMNER

*Instructors:* H. JAMES, D. S. D. JESSUP, H. R. GEYELIN, F. M. CLASS, H. E. HALE, JR., M. SCHULMAN, A. M. STRONG and E. P. R. JANVRIN

*Instructors in Clinical Medicine:* R. L. CECIL, O. HENSEL, H. S. HOWE, O. M. SCHWERTFEGER, L. H. SHEARER, R. G. SNYDER, G. DRAPER, C. W. KNAPP, I. O. WOODRUFF, A. R. LAMB, A. E. NEERGAARD, F. M. CLASS, E. CUSSLER, L. F. RAINSFORD

*Assistants:* F. W. BISHOP, G. A. CARLUCCI, K. R. McALPIN, W. B. BOYD, A. L. HUTTON, H. J. WIENER

*Chiefs of Clinic:* W. W. HERRICK and H. C. THACHER

*Clinical Assistants:* J. EPSTEIN, B. GLASGOW, M. FRIEDMAN, M. FRIEDSON, S. J. GOLDFARB, F. C. HORSFORD, A. C. HENDERSON, A. M. JACOBUS, M. D. MISLIG, V. PASCALE, B. QUEL, A. ROSENTHAL, A. ZELAYA, J. W. WEINSTEIN, H. J. WIENER, C. M. MANN, W. C. HURWITZ, H. A. BANCEL, G. A. FRIEDMAN, ARTHUR M. JACOBUS, CHARLES M. MANN, H. R. MIXSELL, JULIUS W. WEINSTEIN

Courses 226, 228, 230, 237-238, and 251-252 are open to graduates in medicine.

**102** — Lectures and clinic in physical diagnosis. (Vanderbilt Clinic and Presbyterian Hospital.) 1½ hours. Dr. GEORGE DRAPER

**104** — Physical diagnosis. (Vanderbilt Clinic.) 2 hours. Drs. DRAPER JAMES, HOWE, KNAPP and RAINSFORD

**106** — Clinical pathology. 4 hours. Professor VOGEL and Drs. GEYELIN, JESSUP, CARLUCCI and McALPIN

**201-202** — Clinical lecture on general medicine. (Presbyterian Hospital.) 1½ hours. Professor LONGCOPE and associates

**205-206** — Clinical lecture on general medicine. (City Hospital.) 1½ hours. Professor EVANS

**207-208** — Recitations in general medicine. 2 hours. Dr. H. C. THACHER

**209-210** — Physical and medical diagnosis. (Vanderbilt Clinic, Bellevue, Presbyterian, and City Hospitals.) 4 hours. Drs. CARTER, ERDWURM, HERRICK, HOWE, JAMES, JANVRIN, LAMB, NEERGAARD, RAINSFORD, SHEARER, SNYDER and THACHER (H. C.)

**211 or 212** — Advanced medical clinic. (Presbyterian Hospital.) 1½ hours. Professor LONGCOPE

**213-214** — Clinical and pathological conference. (Presbyterian Hospital.) 2 hours. Professors MACCALLUM, H. F. SWIFT and PAPPENHEIMER and Dr. LAMBERT

**215-216** — Clinical clerkships in medicine. 6 mornings and 2 afternoons

Presbyterian Hospital: Professors LONGCOPE, BOVAIRD, HART, H. F. SWIFT and TUTTLE, and Drs. CARTER, FRASER and GEYELIN

St. Luke's Hospital: Professors LAMBERT, HOLLIS, FRISSELL, PATTERSON and VOGEL

Bellevue Hospital: Professors LOCKWOOD, DRAPER (W. K.), NORRIE and MILLER

German Hospital: Professors KAUFMANN, STADTMÜLLER and DENIG, and Drs. SCHWERDTFEGER and HENSEL

Mt. Sinai Hospital: Professors BRILL and LIBMAN

Montiflore Home and Hospital: Professors WACHSMANN, LAPORTE, GOODHART and OPPENHEIMER

**217-218** — Advanced work in clinical diagnosis. 4 hours. Professor VOGEL and Dr. GEYELIN

**219-220** — Principles of pharmacology and therapeutics. 1 hour. Professor WILLIAMS and PATTERSON and Dr. BASTEDO

**221** — Conferences on applied therapeutics. 1 hour. Professor LAMBERT

**224** — Medical diagnosis. (City Hospital.) 2 hours. Professors POTTER and CAMAC

**225-226** — Clinical instruction in therapeutics. (Vanderbilt Clinic). 10 hours. Professor LAMBERT and Drs. HALE, SCHULMAN, CLASS and McALPIN

**227** — Examining for life insurance. 3 hours. Dr. ROGERS

**228** — Tuberculosis. (Bellevue Hospital.) 4 hours. Professor MILLER

**230** — Clinical lecture on general medicine. (Roosevelt Hospital.) 1 hour. Professors JACKSON and EVANS

**235-236** — Experimental infectious diseases. (Presbyterian Hospital.) 2½ hours. Professors SWIFT and ZINSSER

**237-238** — Graphic study of cardiac disease. (Presbyterian Hospital.) 2 hours. Professor HART

**239-240** — Medical diagnosis. (Roosevelt Hospital.) 4 hours. Dr. EVANS and Dr. HERRICK

**251-252** — Research in medicine. Professor LONGCOPE and staff

**s106** — Clinical pathology. 10 hours. Professor **VOGEL**

**s209** — Physical and medical diagnosis. At Presbyterian Hospital. 10 hours. Professor **TUTTLE**

**Equipment.** — The equipment of the department of the practice of medicine comprises the following: The laboratory of clinical pathology, on the fourth floor of the north building of the College, is completely equipped for the routine instruction of students, and clinical research by physical, chemical, hematological, bacteriological, and serological methods. Undergraduate instruction is carried on in the laboratory on the fifth floor of the north building of the College. The laboratory of the Vanderbilt Clinic is equipped for the routine investigation of patients and instruction of students in clinical pathology. Facilities for chemical, bacteriological, and serological investigations are provided in the clinical laboratories of the Presbyterian Hospital under the charge of the professor and associate professor of the practice of medicine, and in the chemical laboratory of St. Luke's Hospital under the charge of the assistant professor of clinical pathology.

The Edward G. Janeway Memorial Library of about 3300 bound volumes and 3300 pamphlets, situated in the Presbyterian Hospital, contains complete sets of all the important medical journals, both American and foreign, and many important monographs and reference works. It is open throughout the day to the staff and students of the department.

#### PSYCHOLOGY (see page 154)

#### PUBLIC LAW AND JURISPRUDENCE (see page 130)

### RELIGION

*See introductory paragraphs, page 61*

**1-2** — Introduction to the study of the Bible. 3 hours. Chaplain **KNOX** (Columbia College and Barnard)

**3-4** — Fundamentals of religion. 2 hours. Professor **WILLIAM ADAMS BROWN** and Professor **Robert E. HUME**

There are also a number of courses offered in conjunction with the Union and General Theological Seminaries

**s1** — Introduction to the study of the Bible. 2 points. Chaplain **KNOX**

**s103** — The life and letters of the Apostle Paul. Half course. Professor **FRAME**

**s104** — Ideas of the New Testament. Half course. Professor **FRAME**

**s111** — The contemporary history of the Old Testament. Half course. Professor **ROGERS**

**s112** — The wisdom literature of the Old Testament. Half course. Professor **ROGERS**

**s105** — Principles of moral and religious education. Half course. Professor **ATHEARN**

**s106** — History, agencies and material of moral and religious education. Half course. Professor **ATHEARN**

<sup>1</sup> On leave of absence 1914-1915.

#### RHETORIC AND ENGLISH COMPOSITION (see page 109)



## ROMANCE LANGUAGES AND LITERATURE

*See introductory paragraphs, page 61*

*Professors:* A. COHN (*Executive Officer*), H. A. TODD and R. WEEKS

*Associate Professors:* J. L. GERIG and L. A. LOISEAUX

*Assistant Professors:* D. BIGONGIARI, C. FONTAINE, D. JORDAN, A. A. LIVINGSTON and H. F. MULLER<sup>1</sup>

*Instructors:* L. H. ALEXANDER, E. J. FORTIER, and L. IMBERT

*Lecturers:* M. H. DOBY, P. DE BACOURT, E. CABORIN, B. ROSELLI, P. M. HAYDEN, and A. PEREZ

## FRENCH

**A1-A2** — Elementary course. 3 hours. 6 points. Dr. ALEXANDER and Mr. BABCOCK (Columbia), Professor MULLER and Mr. FORTIER (Barnard)

**B1-B2** — Grammar reading, and composition. 3 hours. 6 points. Professor FONTAINE and Mr. FORTIER (Columbia), and Mr. BABCOCK and Dr. ALEXANDER (Barnard)

**B4-B5** — Grammar, reading and composition. 3 hours. 12 points. Dr. ALEXANDER

**C1-C2** — Elementary course for graduate students. 2 hours. 4 points. Professor JORDAN

**H1-H2** — Honors conference. 4 points. Professor LOISEAUX

**H3-H4** — Honors conference. 4 points. Professors LOISEAUX, FONTAINE and Mr. FORTIER

**J1-J2** — Reading of French newspapers. 3 hours. 6 points. Mr. DE BACOURT (Journalism)

**3-4** — Practical course and introduction to French literature. 3 hours. 6 points. Professors FONTAINE and GERIG and Mr. FORTIER (Columbia), Dr. ALEXANDER, Professor GERIG and MULLER and Dr. ALEXANDER (Barnard)

**5-6** — History of French literature in the seventeenth century. 3 hours. 6 points. Professor LOISEAUX (Columbia), Professor WEEKS (Barnard)

**7-8** — Modern French writers. 3 hours. 6 points. Professor JORDAN (Barnard)

**9-10** — Composition. 3 hours. 6 points. Professor JORDAN (Columbia and Barnard)

**11-12** — French literature, especially prose, after the classical period. 3 hours. 6 points. Mr. FORTIER (Columbia)

**13-14** — French literature, especially poetry, after the classical period. 3 hours. 6 points. Professor FONTAINE (Columbia)

**17-18** — History of the French drama. 3 hours. 6 points. Professor WEEKS (Barnard)

**21-22** — Advanced grammar and composition. 3 hours. 6 points. Professors COHN and JORDAN (Teachers College)

**101** — History of French literature in the seventeenth century down to 1660. 3 hours. Full course. Professors COHN, LOISEAUX and Mr. FORTIER

**102** — History of French literature in the seventeenth century after 1660. 3 hours. Full course. Professors COHN and LOISEAUX and Mr. FORTIER

**103** — History of French literature in the eighteenth century down to 1750. 3 hours. Full course. Professor LOISEAUX

<sup>1</sup> On leave of absence 1914-1915.

- 104 — History of French literature in the eighteenth century after 1750. 3 hours. Full course. Professor LOISEAUX
- 105 — History of French literature in the nineteenth century down to 1852. 3 hours. Full course. Professor WEEKS
- 106 — History of French literature in the nineteenth century after 1852. 3 hours. Full course. Professor WEEKS
- 111-112 — History of French literature of the sixteenth century. 2 hours. Two full courses. Professor GERIG
- 113-114 — Old French. 2 hours. Two full courses. Professor TODD
- 121-122 — Methods of teaching French in secondary schools. Two full courses. Professor COHN. (Identical with Education 165-166).
- [205-206 — Special topics in seventeenth-century French literature. 2 hours. Two full courses. Professor COHN]
- [207-208 — Special topics in eighteenth-century French literature. 2 hours. Two full courses. Professor COHN]
- 209-210 — Special topics in sixteenth-century literature. 2 hours. Two full courses. Professor GERIG
- 211-212 — Special topics in nineteenth-century French literature. 2 hours. Two full courses. Professor COHN
- 221-222 — Special topics in French literature. Two full courses.
- 223-224 — Explication d'auteurs français. Two half courses
- 301-302 — Seminar — French romanticism. II. The Romantic battle. 2 hours. Professor COHN

## ITALIAN

- 1-2 — General introduction to Italian language and literature. 3 hours. 6 points. Professor LIVINGSTON (Columbia and Barnard)
- 3-4 — Composition and outside reading. 3 hours. 6 points. Professor LIVINGSTON
- 3-4 — Dante's *Inferno*, Petrarch's *Canzoniere*, Carducci. 3 hours. 6 points. Dr. LIVINGSTON (Barnard)
- 5-6 — Typical movements in Italian literature from the sixteenth to the nineteenth century. 3 hours. 6 points. Professor LIVINGSTON
- 131-132 — History of Italian literature. 3 hours. Two full courses. Professor LIVINGSTON
- 133-134 — Intellectual movements in contemporary Italy. 2 hours. Two half courses. Professor LIVINGSTON
- 135-136 — The *Divina Commedia* of Dante. 3 hours. Two full courses. Mr. IMBERT
- 137-138 — History of Italian literature. 2 hours. Two full courses. Professor LIVINGSTON

## SPANISH

- 1-2 — Elementary course. 3 hours. 6 points. Professor GERIG and Mr. IMBERT (Columbia), Professor LOISEAUX (Barnard)
- 3-4 — Grammar, reading, composition. 3 hours. 6 points. Professor FONTAINE (Columbia), Mr. IMBERT (Barnard)
- 5-6 — Practical course and introduction to Spanish literature. 3 hours. 6 points. Mr. IMBERT
- [141-142 — The novela of the golden age. 3 hours. Two full courses. Professor LOISEAUX]

**143-144** — The Spanish comedia. 3 hours. Two full courses. Professor LOISEAUX

**1-2** — Old Irish, elementary course. 1 hour. 2 points. Professor GERIG (Barnard)

**201-202** — Old and Middle Irish. 2 hours. Two full courses. Professor GERIG

**203-204** — Old and Middle Irish. 1 hour. Two half courses. Professor GERIG

**205-206** — Welsh. 1 hour. Two half courses. Professor GERIG

**207-208** — Elements of comparative Celtic grammar. 1 hour. Two half courses. Professor GERIG

**209-210** — History of Celtic literature. 1 hour. Two half courses. Professor GERIG

### ROMANCE PHILOLOGY

**151-152** — Introduction to Romance philology. 2 hours. Two full courses. Professor TODD

**251-252** — Critical study of the works of Chrétien de Troyes. 1 hour. Two half courses. Professor TODD.

[**253-254** — Old French dialects. 1 hour. Two half courses. Professor TODD]

**255-265** — Critical constitution of texts. 1 hour. Two half courses. Professor TODD

**257-258** — Old Provençal. 1 hour. Two half courses. Professor TODD

**259-260** — Oldest monuments of the Italian and Spanish languages. 1 hour. Two half courses. Professor LIVINGSTON

**261-262** — The evolution of Latin in Gaul in the pre-romance period. Two half courses. Professor MULLER

**271-272** — Portuguese. 1 hour. Two half courses. Professor TODD

**273-274** — Rumanian. 1 hour. Two half courses. Professor COHN

**301-302** — Seminar in Romance literature. Two full courses. Professor COHN

**303-304** — Seminar — Presentation and discussion of doctoral dissertation work. 1½ hours. Two full courses. Professor TODD.

**sA1** — Elementary French. (Evening class.) 2 points. Mr. COHN-McMASTER

### Summer Session

#### FRENCH

**esA1** — Elementary course. 2 points. Professor COHN-McMASTER and Mr. DE BACOURT

**sA2** — Elementary reading and oral practice. 2 points. Dr. ALEXANDER Dr. BARTON

**sA3** — Supplementary course. 2 points. Professor MULLER and Dr. BARTON

**sB1** — Intermediate: first course. 2 points. Dr. ALEXANDER and Mr. DE BACOURT

**sB2** — Intermediate: second course. 2 points. Professors GERIG and JORDAN

**s3** — Practical course and introduction to the study of French literature. I. 2 points. Mr. FORTIER

**s4** — Practical course and introduction to the study of French literature. II. 2 points. Professor GERIG

- s5 — History of French literature in the seventeenth century. First course. 2 points. Professor YOUNG
- s6 — History of French literature in the seventeenth century. Second course. 2 points. Professor LOISEAUX
- s9 — Advanced composition and practice in speaking French. First course. 2 points. Professor JORDAN
- s11 — French literature, especially prose, after the classical period. 2 points. Professor SANDERSON
- s15 — French literature, especially poetry, after the classical period. 2 points. Professor SANDERSON
- s102 — History of French literature during the second half of the seventeenth century. Full course. Professor MULLER
- s104 — History of French literature in the second half of the eighteenth century. Full course. Professor LOISEAUX
- s105 — History of French literature in the nineteenth century down to 1852. Full course. Professor YOUNG.
- s106 — History of French literature in the second half of the nineteenth century. Full course. Mr. FORTIER
- s114 — Old French. Second course. Full course. Professor WEEKS

## ITALIAN

- s1 — Elementary: first course. 2 points. Professor McKENZIE and Mr. LAGUARDIA
- s2 — Elementary: second course. 2 points. Mr. LAGUARDIA
- s3 — General introduction to the study of Italian literature: first course. 2 points. Professor McKENZIE
- s1 — Elementary: first course. 2 points. Mr. VANN
- es3 — Elementary: second course. 2 points. Mr. VANN
- esX1 — Spanish conversation, reading and oral practice. 2 points. Mr. BONILLA
- esX2 — Spanish conversation, reading and oral practice. 2 points. Mr. BONILLA

## SPANISH

- s1 — Elementary I. 2 points. Mr. IMBERT and Mr. HAYDEN
- s2 — Elementary II. 2 points. Mr. HAYDEN
- s3 — General introduction to Spanish literature. I. 2 points. Mr. IMBERT
- s4 — General introduction to Spanish literature. II. 2 points. Professor FITZ-GERALD
- s141 — The Spanish novela of the golden age. Full course. Professor FITZ-GERALD

## ROMANCE PHILOLOGY

- s151 — Introduction to Romance philology. Full course. Professor WEEKS

## Extension Teaching

- eA1-A2 — Elementary course. 6 points. Dr. ALEXANDER, Mr. DE BECOURT and Mr. OLINGER. (Also in Brooklyn, Newark, Jersey City and Paterson)
- eA3-A4 — Elementary course. I. 3 points. Mr. SWANN

- eA5-A6 — Elementary course. II. 3 points. Mr. SWANN  
 eA8 — Elementary course. 3 points. Second half-year. Mr. FORTIER  
 eA9 — Elementary course. 3 points. First half-year. Mr. FORTIER  
 eB5-B6 — Intermediate course. 3 points. Mr. MANTZ  
 eB1-B2 — Intermediate course. 6 points. Professor BIGONGIARI and Mr. MANTZ. (Also in Newark)  
 eB3-B4 — Intermediate course — Grammar, reading and composition. 3 points. Mr. MANTZ  
 e3-4 — Practical course and introduction to the study of French literature. 6 points. Professor MULLER  
 eJ3-J4 — Journalistic French. 6 points. Mr. DE BACOURT  
 e5-6 — General survey of French literature in the seventeenth century. 6 points. Professor LOISEAUX  
 e9-10 — Advanced composition and practice in speaking French. 6 points. Mr. FORTIER  
 e11-12 — French literature, after the classical period. 6 points. Professor MULLER  
 e103-104 — History of French literature in the eighteenth century. Two full courses. Professor LOISEAUX  
 e221-222 — Special topics in French literature. Two full courses. Visiting French lecturer.

## ITALIAN

- e1-2 — Elementary course. 6 points. Professor LIVINGSTON. (Also in Trenton)  
 e3-4 — Advanced course. 6 points. Professor LIVINGSTON

## SPANISH

- e1-2 — Elementary course. 6 points. Mr. IMBERT and Mr. HAYDEN. (Also in Brooklyn)  
 e3-4 — Advanced course. 6 points. Professor GERIG  
 e5-6 — Practical course and introduction to Spanish literature. 6 points. Professor GERIG  
 e9-8 — Elementary. 3 points. Mr. HAYDEN

## Courses in Spoken Language

## FRENCH

- cX1-cX2 — Elementary course in colloquial French. Mr. DE MONT-  
 THULÉ and Dr. MARIQUE  
 (This course is given in coöperation with the Alliance Française)  
 cX3-cX4 — Advanced course in colloquial French. Mr. OLINGER  
 cX5-cX6 — Advanced conversation based on nineteenth-century French literature. Mr. OLINGER  
 cY1-cY2 — Intermediate course in colloquial French. Mr. DE MONT-  
 THULÉ and Dr. MARIQUE  
 (This course is given in coöperation with the Alliance Française)

## ITALIAN

- cX1-cX2 — Elementary oral practice and sight reading. Mr. Russo  
 cX3-cX4 — Advanced course in colloquial Italian. Mr. Russo

## SPANISH

**cX1-cX2** — Colloquial and written Spanish. Mr. VAETH

## PORTUGUESE

**cX2** — Elementary Portuguese. Mr. VANN

**Equipment.** — The library of Columbia University is well supplied with French, Spanish, and Italian works, as well as with works upon Romance philology. Its list of periodicals is especially rich. The Library has also complete sets of the most important series and collections in the whole field of the Romance languages and literatures.

The library of the Romance Department, in Philosophy Hall, contains a large number of books of reference. A special privilege enjoyed by the Department is that of using the library of the Hispanic Society of America.

Elementary evening classes in French are conducted by the department of Extension Teaching in coöperation with the Alliance Française.

**Maison Française.** — The Maison Française at 411 West 117th Street contains a collection of French books and periodicals and of documents containing information concerning education and educational institutions in France. It also serves as the residence of the visiting French Professor during his stay in New York, and as headquarters for intercourse with the French Universities.

**Romance Club.** — The Romance Club consists of the instructors and advanced students in the department. At its meetings, an account is given of the most important articles in recent periodicals, and new books are discussed.

**French Societies.** — Two societies have been organized for the purpose of fostering the use of the French language among the members of the University, viz., the Société Française de l'Université Columbia, and the Société Française de Barnard College.

**SEMETICS** (see page 146)

**SOCIAL ECONOMY** (see page 93)

**SOCIOLOGY AND STATISTICS** (see page 93)

## SURGERY

*See introductory paragraphs, page 61*

*Professors:* G. E. BREWER (*Executive Officer*), J. R. HAYDEN

*Professors of Clinical Surgery:* H. H. M. LYLE, W. MARTIN, C. N. DOWD, A. V. MOSCOWITZ, L. W. HOTCHKISS, A. B. JOHNSON, F. KAMMERER, O. G. T. KILIANI, C. H. PECK, E. ELIOT, JR., E. H. POOL and J. B. WALKER  
*Associate Professor:* A. V. S. LAMBERT

*Assistant Professors:* W. C. CLARKE, W. A. DOWNES, F. S. MATHEWS, W. DARRACH

*Associates in Clinical Surgery:* F. HAWKES

*Instructors:* H. AUCHINCLOSS, C. G. BANDLER, S. R. BURNAP, K. A. CONNELL, K. DWIGHT, N. W. GREEN, R. KINGSLEY, J. F. MCCARTHY, J. A. MCCREERY, J. E. MCWHORTER, E. G. RAMSDELL, J. C. VAUGHAN, F. C. YEOMANS, J. R. WHITING, J. E. FIELD and C. J. MCGUIRE, JR.

*Instructors in Clinical Surgery:* L. BUERGER, H. G. BUGBEE, H. D. COLLINS, R. DERBY, A. B. EISENBREY, H. FISCHER, R. S. HOOKER, C. A.

McWILLIAMS, J. I. RUSSELL, F. B. ST. JOHN, D. STETTEN, A. STILLMAN, A. P. STOUT, A. S. VOSBURGH, A. O. WHIPPLE and W. C. WHITE

Assistants: F. W. BANCROFT, J. A. CORSCADEN, G. M. PHELPS, F. T. VAN BEUREN, J. A. VIETOR and W. C. WOOLSEY

Clinical Assistants: A. C. BURNHAM, R. KINGSLEY, K. J. L. LOEWI, J. A. VICTOR,

Clinical Assistants. Department of Urology: C. J. HARBECK, J. A. COWAN, B. KOHN, W. S. GRAHAM, S. W. FOWLER and B. H. BELCHER

Dental Surgeons: E. A. CAIN, H. S. DUNNING, F. J. REMY, F. S. SHIELDS, L. STERN and J. F. RIBBERMAN

104 — Recitations, demonstrations and clinic in surgical pathology. 4 hours. Dr. CLARKE

201-202 — Surgical pathology and general regional surgery. 3 hours. Professors BREWER, LAMBERT, PECK, MARTIN and DARRACH and POOL

203-204 — Clinic in general surgery (Vanderbilt Clinic). 2 hours. Professors BREWER and PECK

205-206 — Recitations in general and regional surgery. 2 hours. Drs. CONNELL and BURNAP

207 — Minor surgery and bandaging. 4 hours. Drs. STILLMAN, AUCHINCLOSS, and VAUGHAN

209-210 — Clinical clerkships in surgery. 6 mornings and 4 afternoons  
Presbyterian Hospital: Professors BREWER, LAMBERT and ELIOT and Drs. WHIPPLE and ST. JOHN

St. Luke's Hospital: Professors MARTIN, LYLE, DOWNES and MATHEWS and Drs. EISENBREY and DERBY

Roosevelt Hospital: Professors PECK and DOWD and Drs. McCREERY and WHITE

New York Hospital: Professor POOL and Dr. BANCROFT

German Hospital: Professors KILIANI and KAMMERER and Drs. FISHER and STETTEN

Mt. Sinai Hospital: Professor MOSCHCOWITZ and Dr. BUERGER

211-212 — Clinic in general surgery (Presbyterian Hospital). 2 hours. Professors BREWER, LAMBERT and ELIOT

213-214 — Practical instruction in surgical pathology. 2 hours. Professors KAMMERER, KILIANI and MOSCHCOWITZ and Drs. AUCHINCLOSS and EISENBREY

216 — Demonstrations; anatomy of fractures. 1 hour. Dr. DWIGHT

217-218 — Clinic in general surgery (Roosevelt Hospital). 2 hours. Professor DOWD

219-220 — Operative surgery on the cadaver. 6 hours. Professor DARRACH, Drs. GREEN and RAMSDELL, McFAIRE and FULD

221-222 — Practical instruction in surgical technic. 4 hours. Professor CLARKE and Assistants

223-224 — Principles of surgery. 2 hours. Professor CLARKE and Assistants

225-226 — Practical instruction (St. Mary's Free Hospital for Children). 2 hours. Professor MATHEWS

227-228 — Fractures (Bellevue Hospital). 2 hours. Professor WALKER

229-230 — Practical instruction in surgery (Bellevue Hospital). 2 hours. Professor HOTCHKISS

231-232 — Surgery (Roosevelt Hospital). 2 hours. Dr. CONNELL

233-234 — Surgery (Roosevelt Hospital). 2 hours. Dr. RUSSELL

**TURKISH** (see page 147)

## ZOÖLOGY

*See introductory paragraphs, page 61*

*Professors:* M. A. BIGELOW, G. N. CALKINS, H. E. CRAMPTON, B. DEAN, T. H. MORGAN, H. F. OSBORN and E. B. WILSON (*Executive Officer*)

*Associate Professor:* J. H. MCGREGOR

*Assistant Professor:* J. BROADHURST

*Associate:* W. K. GREGORY

*Instructors:* P. H. DEDERER, L. H. GREGORY, and C. PACKARD

*Assistants:* Mrs. E. M. HENRY, F. DE L. LOWTHER, R. S. McEWEN, H. H. PLOUGH, C. C. WARE, and D. B. B. YOUNG

**1-2** — Elementary biology and zoölogy. *C* 2 hours, *L* 4 hours. Professors CALKINS, MCGREGOR, Dr. PACKARD (Columbia); Professor CRAMPTON, Dr. DEDERER and Dr. L. H. GREGORY (Barnard)

**3** — Elementary histology. *C* 1 hour, *L* 2 hours. 2 points. Dr. DEDERER (Barnard)

**4** — Elementary embryology. *C* 1 hour, *L* 2 hours. 2 points. Professor MORGAN (Columbia), Dr. L. H. GREGORY (Barnard)

**5** — General biology. *C* 1 hour, *L* 2 hours. 2 points. Professor CRAMPTON (Barnard)

**6** — Experimental biology. *C* 1 hour, *L* 2 hours. 2 points. Professor CRAMPTON (Barnard)

**7-8** — Biology and genetic relations of the human organism. 2 hours. 4 points. Professor CRAMPTON and Dr. GREGORY (Barnard College)

**9** — Modern theories in biology. 2 hours. 2 points. Professor CALKINS (Columbia College)

**51** — Histology and technique. *C* 1 hour, *L* 4 hours. 3 points. Dr. PACKARD (Columbia)

**53-54** — Practical zoölogy and embryology. 2 points. Dr. DEDERER (Barnard)

**91-92** — General zoölogy (to follow 1-2). *C* 2 hours, *L* 6 hours. 5 points. Professor MCGREGOR

**93** — Embryology of vertebrates. *C* 1 hour, *L* 2 hours. 2 points. Professor MCGREGOR

**101-102** — General zoölogy. *C* 3 hours, *L* 6 hours, and assigned work. 2 full courses. Professor MCGREGOR, and in Barnard, Professors CRAMPTON, OSBURN, Drs. L. H. GREGORY and DEDERER

**103** — Comparative Embryology of Vertebrates. *C* 1 hour, *L* 2 hours and assigned work. Half course. Professor MCGREGOR

**110** — The parasitic protozoa. *C* 1 hour, *L* 5 hours. Full course. Professor CALKINS

**113** — Tropisms. *C* 1 hour, *L* 5 hours. Full course. Professor MORGAN

**114** — Instincts. *C* 1 hour, *L* 5 hours. Full course. Professor MORGAN

**151-152** — General physiology (Barnard College). *C* 2 hours, *L* 4 hours. 2 full courses. Dr. L. H. GREGORY

**201** — Topics in invertebrate zoölogy. Two days. Double course. Professor WILSON

**203-204** — Mammals, living and fossil. Lectures and laboratory course. 6 hours (one day). The latter part of this course is given in the American Museum of Natural History. 2 full courses. Dr. W. K. GREGORY

**208** — Invertebrate embryology. One day. Full course. Professor CALKINS

**215-216** — Experimental zoölogy. *C* 2 hours, *L* 12 hours. 2 Double courses. Professor MORGAN



**217** — Physiological morphology. *C* 1 hour, *L* 6 hours. Full course. Professor MORGAN

**218** — Experimental embryology, parallel to 220. *C* 1 hour, *L* 5 hours. Full course. Professor MORGAN

**220** — Cellular embryology. 1 day. Full course. Professor WILSON

**221-222** — Protozoölogy. *C* 1 hour, *L* 5 hours. 2 full courses. Professor CALKINS

**223-224** — Evolution of the vertebrates. 1 day. 2 full courses. Dr. W. K. GREGORY

**225-226** — Cellular biology — General structure and functions of the cell. *C* 1 hour, *L* 5 hours. 2 full courses. Professor WILSON

**227-228** — Special research

**230** — Experimental protozoölogy. *C* 1 hour, *L* 6-10 hours. Full course. Professor CALKINS

*Courses under the George Crocker Special Research Fund*

**201** — Morphology and classification of tumors, including pathological technique. One full course. Professor WOOD

**202** — General biology of tumors. One full course. Professor WOGLOM

**205-206** — Research in problems of growth pathology with especial reference to tumors. Credit to be assigned in individual cases at the time of registration. Professors WOOD and WOGLOM and Drs. PRIME and BULLOCK

**Summer Session**

**s1** — Elementary biology and zoölogy. 4 points. Professor MCGREGOR and Mr. MULLER

**s121** — Protozoölogy. Full course. Professor CALKINS

**e1a-2a** — Elementary biology and zoölogy. 4 points. Professor MCGREGOR, Dr. PACKARD.

**JOURNAL CLUB.** — Reports and discussions of recent literature by members of the staff, graduate students, and others. One hour a week throughout the year. Under direction of the staff.

**LECTURES.** — A course of lectures on general topics is given from time to time by members of the staff and eminent specialists from other institutions. These lectures form the basis of the Columbia Biological Series.

**Equipment.** — The zoölogical laboratories on the upper floor of Schermerhorn Hall comprise graduate and undergraduate laboratories, suitably equipped with optical instruments, microtomes and other apparatus; and rooms for special research, supplies, aquaria and preparation. There is also a lecture-room, a library and an extended teaching collection comprising specimens, anatomical, embryological, and cytological preparations, charts and wax models. The departmental library embraces sets of the standard biological works and includes the journals and a rapidly increasing collection of special monographs. A fund is available for the purchase of literature needed in connection with the special researches of students.

Important adjuncts to zoölogical work are offered by the American Museum of Natural History, the Bronx Zoölogical Garden, the New York Aquarium, and by the marine biological laboratories to which the University contributes support. Several investigators' tables are held at the Wood's Hole Laboratory, and the John D. Jones scholarship is available at the Cold Spring Harbor laboratory. A table at the Naples Zoölogical Station is also supported by the University.

# UNDERGRADUATE ENTRANCE REQUIREMENTS

## University Committee on Admission

Professors JONES, *Director of University Admissions*; STEEVES, *Assistant Director*; LOMER, MEYER and SHERMAN, Deans WOODBRIDGE, STONE, LAMBERT, GILDERSLEEVE and RUSBY; Directors, EGBERT, WILLIAMS, MONROE, and BIGELOW.

**General Statement.** — The Director of University Admissions administers the entrance requirements for all departments of the University. No formal entrance tests are prescribed for graduates who elect to study under the Faculties of Political Science, Philosophy or Pure Science, or to enter a professional school of the University which demands previous college residence as a basis for entrance; namely, Law, Medicine, Mines, Engineering, Chemistry, Architecture (for a degree), Education. Candidates for admission to these schools should present their credentials from the college of previous residence. Entrance tests are prescribed for admission to all other departments of the University. Admission to the first year course in Columbia College, Barnard College, School of Architecture (for certificate of proficiency for 1916 only), and the College of Pharmacy (University course), depends upon the results of written examinations. The School of Practical Arts may be entered either by examination or, in approved cases, by school certificate.

**Examinations and Records.** — The University issues annually a pamphlet entitled "Bulletin on Entrance Examinations and Undergraduate Admissions." This pamphlet gives detailed information upon the following matters:

The Time schemes for the examinations of the College Entrance Examination Board and of Columbia University.

The dates for filing of applications. (Given also in academic calendar at end of this volume.)

Method of obtaining, filling out and filing application blanks and school records.

Fees for examinations and method of payment.

The award and duration of credits toward admission as a result of examinations, and information as to the conditions under which examinations may be divided among two or more periods.

The specific conditions of admission to each school requiring entrance examinations.

The official statements of the requirements in each subject (including information as to the preparation and presentation of note books in subjects requiring such records).

This pamphlet may be had without charge upon application to the Secretary of Columbia University. Any person who intends to take examinations himself or to prepare others for them should obtain a copy of it and familiarize himself with its contents. *The information which follows here is merely a brief summary of that given fully and officially in the Bulletin.*

The minimum age for admission to the Freshman Class in Columbia College or Barnard College is 15; in Journalism, 17; in other schools, 18, with a corresponding increase in the case of advanced standing. For students

entering from secondary schools, an estimate of character and personality, and a certificate of health must be presented, and in the case of students from other Colleges an honorable dismissal.

Students may enter Barnard or Columbia College either in February or in September.

Each candidate is required to take examinations in every subject offered for admission. In passing upon the result of these examinations the detailed school record of the candidate is taken into account and given great weight.

The examination requirements for admission may be satisfied by any one of the three following means, or by any approved combination thereof; the examination grades are interpreted in the light of the record which the student has made in school. The record for each subject must be filed with the University Committee on Admissions.

1. By the examinations of the College Entrance Examination Board in 1916 beginning on June 19 held at Columbia University and at about one hundred and fifty other educational centers in the United States and Europe.

2. By the examinations conducted at Columbia University by the Committee on Admissions. These examinations are held in September and January of each year (beginning on September 18, 1916, and January 18, 1917).

3. By the examinations of the New York State Examination Board in so far as their subject matter specifically corresponds to the stated requirements of the several undergraduate Schools. These examinations are held in January and June at more than six hundred High Schools and other institutions in the State, but are ordinarily open only to students in those schools.

**Credits.** — A candidate may present himself at any of the series of examinations scheduled above, but at not more than four in all, and the results may be credited toward entrance, subject to the following restrictions:

The results of an examination may stand to the candidate's credit twenty-nine months, but no longer. The reports of candidate's examinations and the School's statement of preparation must be in the hands of the Committee on Admissions one week prior to the opening of the term in September or January.

**Subjects for Examination.** — Columbia University recognizes the following examination subjects which may be offered for admission to one or more of the colleges and schools included in the University, each subject counting for a specific number of units as indicated in parentheses. The unit here represents the number of years at the rate of five periods per week, which will normally be required in the secondary school to prepare adequately for the college examination.

**Columbia College.** — A.B. 15 units. *Prescribed*, 10 units — English (3); elementary mathematics (3); either elementary Latin (4) or Greek (3). *Elective*, 5 or 6 units — of which not more than 4 units from elementary French (2), elementary German (2), Italian (2), Spanish (2); nor more than 3 units from botany (1), chemistry (1), physics (1), physiography (1), shopwork (1), zoölogy (1); any of the following, except that to offer an advanced subject involves offering at the same time or earlier the corresponding elementary subject: elementary Greek (3), elementary history (2) or (1), drawing (1), music (1), intermediate French (1), intermediate German (1), advanced English (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics ( $\frac{1}{2}$ –1 $\frac{1}{2}$ ).

**B.S.** 15 units. The same as for the A.B. excepting that chemistry (1), physics (1), and intermediate or advanced subjects (2) may be offered in place

of elementary Latin (4); in which case elementary Latin (2, 3, or 4) becomes elective. *Candidates for the three-year course in Columbia College leading to the Schools of Mines, Engineering and Chemistry must include solid geometry, plane trigonometry and intermediate French or intermediate German.*

**Barnard College.**—A.B. 15 units. Same as Columbia College, with three units of Modern Language prescribed in place of three of the elective units and with the exception of shopwork, which is not an entrance subject for Barnard College.

B.S. 15 units. *Prescribed*, 12 units — English (3); elementary mathematics (3); 2 units from botany (1), chemistry (1), physics (1), physiography (1), zoölogy (1), at least three units in French or German or both, intermediate or advanced subjects (2). *Elective*, to make up a total of 14½ units — as given under *Elective* Columbia College.

General two years' course 15 units. *Prescribed*, 6 units — English (3); mathematics (3). *Elective*, 9 units — Ancient or modern foreign languages (4); history, foreign languages, mathematics or science (5).

Candidates for the course in Journalism must offer English (3), History (2), French or German or both (4) or French or German (2) and Latin (4) or French or German (3) and Latin (3). They are not required to offer mathematics.

**School of Architecture.**—For certificate 15 units. (Beginning with September, 1917, the course for the certificate will be discontinued. Two years of college work are required for admission to the course for the degree.) *Prescribed*, 10 units — English (3), mathematics (4), drawing (1), elementary French (2). *Elective*, 5 units — elementary German (2), elementary history (2) or (1), elementary Latin (2), physics (1), chemistry (1), Spanish (2).

**College of Pharmacy.**—B.S. in Phar., 15 units. *Prescribed*, 6 units — English (3), elementary mathematics and advanced arithmetic (3). To offer an advanced subject involves offering either at the same time or earlier the corresponding elementary subject. English (3), elementary French (2), elementary German (2), elementary Greek (3), elementary history (2) or (1), elementary Latin (4) or (2), elementary mathematics (3), music (1), (2), (3), or (4), physics (1), intermediate French (1), intermediate German (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics (1), botany (1), chemistry (1), drawing (1), physiography (1), shopwork (1), Spanish (2), zoölogy (1), Hebrew (2), bookkeeping (1) or (2).

**School of Journalism.**—B.Litt., 15 units. *Prescribed*, 9 units. English (3), History (2), French, German, or French and German (4) (or a combination of both or either with Latin (6)). *Elective*, 6 units — Elementary French (2), elementary German (2), Italian (2); Spanish (2), elementary Latin (2, 3 or 4), elementary mathematics (2 or 2½), botany (1), chemistry (1), drawing (1), physics (1), physiography (1), shopwork (1), zoölogy (1), intermediate French (1), intermediate German (1), advanced English (1), advanced French (1), advanced German (1), advanced Greek (1), advanced history (1), advanced Latin (1), advanced mathematics (1).

**School of Practical Arts.**—B.S. in Practical Arts, 15 units. *Prescribed*, 7 units — English (3); 2 units from algebra (1) or (2), plane geometry (1), modern, commercial and higher arithmetic (1), biology (1), botany (1), chemistry (1), industrial and commercial geography (1), physics (1), physiology (½), physiography (1), zoölogy (1); 2 units from elementary French (2), German (2), Greek (3), Latin (2), Italian (2) or (3), Spanish (2), elementary history (½), (1), (2), (3), (4), industrial history (1), intermediate French (1), inter-

mediate German (1), — advanced English (1), advanced French (1), advanced German (1), Greek (1), history (1), Latin (1), mathematics ( $\frac{1}{2}$ ), (1) or ( $1\frac{1}{2}$ ). *Electives*, 8 units — in addition to further choices from the foregoing, and not more than 4 units in all from the following may be elected: drawing (1), household arts (1), (2), or (3), Music (1) or (2), shopwork (1), (2) or (3).

The following abridged statements give the general scope of the requirements in each subject. It should be noted that in several cases an examination subject outlined below will not be accepted toward admission to every school of the University. A candidate or teacher should compare the list carefully with the statements of the requirements of the school in which he is particularly interested.

**Definitions.** — (Specimens of the question papers set by Columbia University are on file in the University Library or may be obtained from the Director of University Admissions upon application. The question papers set by the College Entrance Examination Board are published annually in book form by Ginn & Company, New York.)

**Arithmetic, Modern Commercial and Higher** (One unit). (*May be counted for admission to the College of Pharmacy and the School of Practical Arts only.*)

Review of the principles of arithmetic applied to the solution of modern commercial and industrial problems. Emphasis should be given to the principles of modern banking, domestic and foreign exchange, etc. Special emphasis should be given to the application of these topics to practical problems.

**Biology** (One unit). (*May be counted for admission to the School of Practical Arts only.*)

The course should include elementary work in Botany, Zoölogy and Physiology.

**Botany** (One unit). (1) Structure and life history of 16 or more types of representative families of plants, 10 of them seed plants. (2) Elementary plant physiology. (3) Elementary natural history (ecology of plants). Requiring one year of laboratory and class-room instruction, for the course. Note-book to be submitted.

**Chemistry** (One unit). Preparation and properties of the common elements and their important compounds.

Mastery of the more usual chemical terms and ability to make simple calculations and explanations of chemical processes. Preparation should include lectures and demonstrations, study of standard elementary text-books, and forty or more laboratory exercises. Note-book to be submitted.

**Drawing** (One unit). The ability to sketch freehand with reasonable accuracy — (a) From dictation: Simple geometrical figures; (b) From the object: A vase, household utensil, or other familiar object; (c) From the copy: Enlarging or reducing simple pieces of machinery or architectural or decorative detail. (At least 20 freehand drawings must be submitted.)

**English** (Three units). Examinations in (1) Grammar and Composition, and (2) Literature. The examination in English Literature will be based upon: (a) Books for reading, a list of which appears in the current *Announcement of Entrance Examinations and Undergraduate Admissions*, and (b) Books for study, arranged in four groups, from each of which one selection is to be made.

## Group I — Drama

Shakspere: *Julius Cæsar* or *Macbeth*, or *Hamlet*.

## Group II — Poetry

Milton: *L' Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.

Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*.

The selections from Wordsworth, Keats and Shelley, in *Book IV* of *Palgrave's Golden Treasury (First Series)*.

## Group III — Oratory

Burke: *Speech on Conciliation with America*.

Macaulay's *Two Speeches on Copyright*, and Lincoln's *Speech at Cooper Union*.

Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

## Group IV — Essays

Carlyle: *Essay on Burns*, with a selection from Burns's *Poems*.

Macaulay: *Life of Johnson*.

Emerson: *Essay on Manners*.

Those not familiar with the details of the new requirements for admission in English should consult the Announcement of the Committee on Admissions.

**English, Advanced** (One unit). Candidates must have covered substantially the same ground as that included under English A1-A2 (see page 122).

(1) English composition, and certain works prescribed for reading rhetoric. The examination will test the candidate's grasp of expository, argumentative, descriptive and narrative methods and will call for specific comment and comparison on points of style. Essays of certain specified types must also be submitted.

**French, Elementary** (Two units). Accurate pronunciation and the ability to read at sight easy prose and to put into French simple English sentences. The rudiments of the grammar, involving all but the rare irregular verb forms and the simpler uses of conditional and subjunctive. The preparation should include, beside the mastery of a good elementary text-book, the reading of 300-600 pp. of easy French. Beginning with 1917 an aural and oral test will be included in the examination in this subject.

**French, Intermediate** (One unit.) Additional reading, 400-600 pp., including dramatic works. Grammar completed. Further drill in composition. Beginning with 1917 an aural and oral test will be included in the examination in this subject.

**French, Advanced** (One unit). Additional reading of from 600 to 1000 pages of standard French, classical and modern, the writing of numerous short themes in French, and the study of syntax.

**Geography, Industrial and Commercial** (Counting one unit). *May be offered for entrance to the School of Practical Arts only.*

One-third of this course should be devoted to the elements of physical geography, and commercial geography should be studied around countries as units. A note-book showing that map and atlas study has been carried on in connection with the text study must be submitted.

See also *Physiology*.

**German, Elementary** (Two units). Accurate pronunciation and the ability to read easy dialogue and narrative prose, and a working knowledge of grammar and composition adequate for the putting into German of simple English sentences based upon a familiar vocabulary. The preparation should include, beside the mastery of a good elementary text-book, the reading of 150-200 pp. of easy German. Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

**German, Intermediate** (One unit). Additional reading, 400 pp. of moderately difficult prose and poetry. Further drill in grammar and composition, with special reference to syntax. Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

**German, Advanced** (One unit). Additional reading of about 500 pages of good literature in prose and poetry, reference reading upon the lives and works of the great writers studied, the writing of numerous short themes in German upon assigned subjects, independent translation of English into German.

**Greek, Elementary** (Three units). (a) i and ii. — Attic grammar and elementary composition, based on *Anabasis I-II*. (b) *Anabasis I-IV*. (c) *Iliad I-III* (except *II*, 494-end) with tests covering constructions, poetic forms, and prosody. (f) Translation into Greek of simple, continuous English prose. (g) Translation into English at sight of continuous Greek prose.

**Greek, Advanced** (One unit). Candidates must have covered substantially the same ground as that included under Greek 3-4: at least 1200 additional lines in Homer, Herodotus, Bk. vi, and Plato's *Apology*. Also at least fifteen exercises in Spieker's *Greek Prose Composition*.

**History, Elementary** (Each of the four divisions, *a*, *b*, *c*, and *d* counts one unit. Candidates for admission to the Schools of Journalism and Practical Arts may offer one or more of the divisions without restriction. All other candidates may offer any one or any two of the divisions without restriction). (a) Ancient, beginning with brief study of Oriental peoples and coming down to the death of Charlemagne, with reference to art, literature and government. (b) From 800 on, including growth of the State system. (c) English history, including social and political developments. (d) American history with the elements of civil government.

Each field may best be covered by an accurate text-book of 300 pp., plus, say, 300 pp. of selected supplementary reading.

**History, Advanced** (One unit). The work performed must have been of the same kind, amount and quality as that required for History A1-A2 (see page 122). Supplementary reading emphasizing the significance of historical phenomena. The candidate must present at least 5000 words of notes on each historical field offered, and show practice in making historical parallels, in preparing digests of outside reading, and in the use of historical maps.

**History, Industrial** (One unit). (*May be offered for entrance to the School of Practical Arts only.*)

Industrial History with special reference to the modern period and to the influence of the numerous factors of industrialism on the social, economic and political aspects of life.

## 180 UNDERGRADUATE ENTRANCE REQUIREMENTS

**Household Arts** (One or two units). (*May be offered for entrance to the School of Practical Arts only.*)

(a) Textiles and Sewing. Nature of common materials, their manufacture and use, principles underlying the construction of simple garments by hand or by machine. Laboratory instruction of not less than 180 hours. Note-books to be submitted.

(b) Foods and Cookery. Nature of food materials, principles underlying their preparation and the principles involved in the cooking apparatus. Laboratory instruction of not less than 180 hours. Note-books to be submitted.

Advanced (either division counting one unit).

**Italian, Elementary** (Two units). The requirement corresponds to that in Elementary French (see p. 177). Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

**Latin, Elementary** (Four units), *i. e.*, Latin 4, Cicero and sight translation of prose; Latin 5, Virgil and sight translation of poetry, and Latin 6, Advanced prose composition; or three units, *i. e.*, Latin 3, with either Latin 4 or Latin 5; or two units, *i. e.*, Latin 3.

**Latin, Advanced** (One unit). Candidates must have covered substantially the same ground as that included under Latin A1-A2 (see page 200). Horace, *Odes*, Bks. I and III, with incidental prosody, and 400 lines of Catullus's shorter poems; Livy, Book XXI, Chapters 1-45 inclusive. Book XXII, Chapters 2-7 and 43-56 inclusive; Terence's *Phormio*. Specified exercises from Gildersleeve and Lodge's *Prose Composition*.

**Mathematics, Elementary** (Three units). (a) Elementary algebra, including — i, the four fundamental operations for rational expressions, and such topics as lowest common multiple, ratio and proportion, linear equations, radicals, fractional and negative exponents; ii, quadratic equations, arithmetic and geometric progressions, the binomial theorem for positive integral exponents, the use of graphical methods. (c) Plane geometry — original exercises, loci, mensuration of lines and plane surfaces.

**Mathematics, Advanced** (One-half to one and one-half units). (b) Advanced Algebra (One-half unit): Permutations and combinations, complex numbers, determinants, numerical equations of higher degree, theory of equations, graphical methods, Descartes's rule of signs, and Horner's method. (d) Solid geometry (One half-unit): Original exercises, loci problems, mensuration of surfaces and solids. (e) Trigonometry (One-half unit): The principal formulas, simple equations and triangles, theory and use of logarithms (without infinite series).

**Music.**

(a) Musical Appreciation (not involving ability to perform nor to read from printed music) (One unit). (1) The principal musical forms and their historical development; (2) the lives and environment of Bach, Mozart, Beethoven, Schubert, and Chopin, and five other composers; (3) familiarity with certain designated compositions.

(b) Harmony (One unit). The elements of simple harmonization.

**Physics** (One unit). The most important facts and laws in elementary physics. Preparation should include the mastery of a standard textbook supplemented by numerical problems, instruction by lecture with demonstrations and individual laboratory exercises — say mechanics, 13; sound, 3; heat, 5; light, 6; electricity, 8. Note-book to be submitted.



**Physiography**<sup>1</sup> (One unit). Preparation includes modern text-books and at least forty individual laboratory and field exercises — say earth as a globe, 5; ocean, 5; atmosphere, 12; land, 18.

**Physiology** (One-half unit). (*May be offered for entrance to the School of Practical Arts only.*)

Not less than 90 hours of text-book, demonstration and laboratory exercises covering each of the main topics in Physiology.

**Shopwork** (One unit). Involving in each subject 180 laboratory hours examination, both written and practical, on the use and structure of tools, nature of shop processes, methods of construction, and properties of materials. Authenticated models may be presented as evidence of technical skill.

The candidate may offer either (a) Woodwork — i, joinery; ii, turning and pattern-making, or (b) Forging, or (c) Machine-work.

**Spanish, Elementary** (Two units). The requirements correspond to those in elementary French; see page 177. Beginning with 1917 an aural and oral examination will be included in the entrance examination in this subject.

**Zoölogy** (One unit). Laboratory and field study, supplemented by text-book and further reading. (1) General natural history of common American animal types. (2) Classification of animals into phyla and leading classes. (3) Structure of typical animals. (4) Physiology of the types studied and comparison of life processes of animals and plants. (5 and 6) (in a very elementary way) Reproduction, embryology, and (optional) elements of cytology. (7) (optional) Biological history.

#### Admission to Advanced and Special Standing

(*See Faculty Statements, page 181, et seq.*)

<sup>1</sup>This is identical with the subject called Geography by the College Entrance Examination Board.

# COLUMBIA COLLEGE

## FACULTY

President BUTLER

Dean KEPPEL

*Term expires 1916:* Professors DAVIS, ERSKINE, HAWKES, HAYES, HEUSER, JONES, Chaplain KNOX, LOCKWOOD, MASON, F. G. MOORE, <sup>3</sup>SEAGER, SICELOFF, STEEVES, WENDELL, WOODBRIDGE, WOODWORTH, YOUNG.

*Term expires 1917:* Professors AGGER, BEARD, FONTAINE, <sup>1</sup>JORDAN, KEYSER, McCREA, <sup>2</sup>MCGREGOR, MAYER, MEYLAN, MITCHELL (H. B.), SAIT, SCHUYLER, SELIGMAN, SHOTWELL, ALEXANDER SMITH, TASSIN (Secretary), VAN DOREN, ZANETTI

*Term expires 1918:* Professors <sup>1</sup>BIGONGIARI, CALKINS, COHN, CURTIS, EGBERT, ELLIOT, FITE, GROVE, HERVEY, JACOBY, KEMP, LOISEAUX, <sup>3</sup>LORD, McCASTLINE, NEISH, ODELL, PERRY, SCHULZE, THOMAS.

## Committees

ON INSTRUCTION: The Dean (*Chairman*), Professors ODELL, LORD, HERVEY, DAVIS, HAWKES and LOCKWOOD.

ON SCHOLARSHIPS: The Dean (*Chairman*), Professors SCHUYLER, LOISEAUX, MCGREGOR, VAN DOREN.

Delegates to the University Council (see page 4)

## Entrance

*For the details of admission to the Freshman Class (see page 173)*

**Advanced Standing.** — A candidate for admission to advanced standing upon basis of work done at another college should obtain and file, at least one week before the September or January entrance examinations, the appropriate application blank, with a transcript of his academic record, and a marked catalogue of the institution that he leaves.

Appropriate credits up to a maximum of 18 points of the 124 required may be made by Freshmen who offer more than the prescribed number of units at entrance.

**Special Courses.** — Students of serious purposes who are in a position to fulfil the requirements for admission to the Freshman class or who have had a valuable educative experience in practical life, may be admitted as non-matriculated students to pursue courses without reference to any degree. For details see the current *Announcement of Columbia College*.

**Registration and Fees** (see page 50)

**Scholarships** (see page 280)

**Program of Studies.** — The period within which the requirements for the degree of A.B. or B.S. may be satisfied varies with the capability and industry of the individual student. In most cases four years are spent in making the required number of points; students of ability and industry frequently complete the course in less time, especially if advantage be taken of courses in the Summer Session, or additional credit be gained by high standing; no student may spend more than six years as a candidate for a degree.

<sup>1</sup> Absent on leave 1915-16.

<sup>2</sup> Absent on leave. Winter Session.

<sup>3</sup> Absent on leave. Spring Session.

**General Regulations.** — 1. The requirement for graduation is 124 points the term "point" signifying the satisfactory completion of work requiring attendance each half-year of one hour weekly in lectures, recitation or honors conference, or a correspondingly longer period in laboratory, drafting-room or shop. No credit in points will be placed upon a student's permanent academic record for less than a full year's work in any elementary language course or in Physical Education.

2. When practicable, prescribed subjects must be taken during the first two years.

3. No combination of courses amounting to less than 12 or more than 19 points of Academic credit may be made in any half-year except by special permission of the Committee on Instruction.

4. Admission to courses depends strictly upon completion with the grade of C or better of the stated prerequisites. Where none is stated a course may be taken by any student of the College.

5. A student whose record as to prescribed subjects is satisfactory to the Committee on Instruction is permitted upon completion of 94 points to elect two approved graduate courses which his previous training will enable him to pursue with profit. Credit in terms of points for such courses will be determined by the Committee on Instruction at the time of registration. Under no other circumstances may a graduate course be counted toward a College degree unless by concurrent approval of the department concerned and the committee, such approval to be given only for reasons of great weight.

6. No student may take more than four hours' work (not including laboratory work) on the same day, or more than nine hours' work per week in any one department.

7. No one-hour course will be allowed unless taken in connection with or as a supplement to a cognate course.

8. To be recommended for a degree, a student must have made at least 84 points in actual college residence, and of these at least 24 in Columbia College.

In the administration of the College regulations, it is the policy of the Committee on Instruction and of the Dean to be guided in the treatment of individual cases largely by the recommendation of the adviser, and by the general attitude of the student in question toward the College, *i.e.*, whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfilment of his obligations, earnestness in his endeavor to profit by his college opportunities, both direct and indirect, and consideration of others.

With the recent rapid growth of the College the Committee has been compelled, in the interest of sound teaching, to limit the attendance upon certain courses which cannot be broken up into sections. Admission to such courses is based in part upon priority of application and in part upon the operation of the policy described in the preceding paragraph.

**For Honors Candidacy.** — Conditions of candidacy. Any student free from entrance conditions may, with the approval of the Committee on Instruction, elect to study for a degree with honors and pursue a curriculum involving less prescribed work but more independent reading and more thorough study in chosen subjects than are required of the general candidates for a degree.

The choice between the honor curriculum and the general curriculum is ordinarily to be made not later than April 15 of the Freshman year. The

candidate chooses two subjects in which he will offer honor work and in consultation with the officers in charge of the subjects he has chosen plans his courses so as to meet the honors requirements.

The granting of honors is dependent upon the completion with high standing of two or four honor courses in each of the chosen subjects. These courses being designed to guide the candidate's supplementary reading sequences and upon a final general examination covering the entire field of his honor work.

For candidates for a degree with honors the following courses only are prescribed: English A, History A, Mathematics A, Philosophy A, Physical Education; and in addition the ancient language prescription for A.B. candidates and that in modern languages for B.S. candidates.

If at the end of any term examination a student fails in any course in his honor subjects to attain a grade of A or B, he is rejected as a candidate for honors and given appropriate credit toward an ordinary degree.

Upon the satisfactory completion of an honor sequence and the corresponding honor courses and upon the recommendation of the officer in charge, the candidate is given a very general examination. This examination, partly written and partly oral, covers the class-room work of the three years and tests the extreme thoroughness of the assigned supplementary reading.

A grade of A in all subjects entitles the candidate to receive a Bachelor's degree with highest honors. A combination of A's and B's entitles him to a degree "with high honors," and uniform grades of B to a degree "with honors." For further details see the current *Announcement of Columbia College*.

**For degree without Honors.** — Unless the equivalents have been offered for admission, the following courses are prescribed for students who are candidates for a degree, but not for honors:

English A and B; History A; French or German A and B; Mathematics A; Philosophy A; Physical Education; and in addition:

For A.B. candidates. Latin A or Greek 5-6; Natural Science, involving laboratory work.

For B.S. candidates. Chemistry A and Physics A.

These prescriptions amount to a total of from 26 to 55 of the 124 points required for the degree, depending upon the student's offering at entrance and his college program.

Prior to graduation the student must have completed the equivalent of three years of sequential study, in courses aggregating at least 18 points beyond the elementary requirement for admission, in each of two departments. For A.B. candidates at least one sequence must be chosen from the following groups: Classical Philology, English, Germanic Languages and Literatures, History, Philosophy, or Romance Languages and Literatures; and for B.S. candidates at least one from among the following: Botany, Chemistry, Geology and Mineralogy, Mathematics, Physics, or Zoology.

The College offers a three-year program leading to the degree of B.S., with special reference to the professional courses in the Schools of Mines, Engineering and Chemistry and also a senior program for students planning to enter business. Full information regarding these may be obtained in the current *Announcement of Columbia College*.

**Professional Options.** — A student desiring to enter upon professional studies before graduation from the College, who has completed not less than 64 points in Columbia College and has no deficiencies in prescribed work, may exercise one of the following options:

- (a) Upon receiving 72 points' credit he may take the studies of the first year in any one of the following professional schools of the University, provided he can satisfy the stated requirements for admission thereto, and may receive the degree of A.B. or B.S. upon the satisfactory completion of two years' work in such professional course:

The College of Physicians and Surgeons  
 The School of Architecture  
 The School of Journalism

- (b) Upon receiving 94 points' credit he may similarly take and count towards the Bachelor's degree one year's work in any of the above schools and also in the School of Law.

It should be noted that in general no course for which credit is given toward a professional degree may be included in the preliminary credit requirement.

Students may also, under suitable circumstances, offer toward the Bachelor's degree courses given at the Union Theological Seminary or the General Theological Seminary, or if they are within twelve points of receiving the Bachelor's degree, they may take certain graduate courses in addition to their undergraduate programs.

**Miscellaneous.** — All students admitted with conditions are assigned for advice to the Committee on Admissions until such time as their entrance deficiencies or conditions be removed. All candidates for honors are assigned for advice to a representative of the department in which they first elect honor work. All other students are assigned to the Dean of the College, or to such officer of instruction or administration as he may designate.

The student's performance in a course is reported according to the following grades: A, excellent; B, good; C, fair; D, poor; F, failure.

A student who receives a mark of F in any prescribed course must repeat that course. In any half-year or Summer Session not more than one course, marked D, may be counted toward a degree. Students receiving D may for the purpose of satisfying the requirements as to prerequisites improve this grade by reexamination, but without change in point credit.

The mark A in any two courses completed in a half-year or Summer Session (no course being counted twice) entitles a student who has not fallen below the mark B to one point of extra credit.

Matriculated students whose record as to entrance conditions and the completion of prescribed courses is satisfactory to the Committee on Instruction, are classified in the University Catalogue as follows:

*Freshmen*, those who have less than 26 points  
*Sophomores*, those who have completed 26 points  
*Juniors*, those who have completed 58 points  
*Seniors*, those who have completed 88 points

The following additional matters are dealt with in the current *Announcement of Columbia College* which may be had upon application to the Secretary of the University:

Description of Hamilton and Hartley Halls. Advice as to choice of studies. Regulations governing absences. Statement of courses which may be taken by College Students with their prerequisites. Personal relations of students. Probational standing. System of examinations. Records and Reports. Schemes of attendance and recommended programs for students having particular ends in view.

<sup>1</sup> In exceptional cases, students of high scholarship who have completed two years of college work elsewhere may satisfy the residence requirement by the completion of 34 points, not including Summer Session or Extension Teaching.

# SCHOOL OF LAW

## FACULTY

President BUTLER

Dean STONE

Professors ABBOTT, BURDICK, CANFIELD, GIFFORD, GUTHRIE,<sup>1</sup> KIRCHWEY, J. B. MOORE, POWELL, REDFIELD (*Secretary*),<sup>2</sup> REYNOLDS, SMITH, (MUNROE) TERRY.

Mr. ARNOLD

Mr. GLENN

Mr. WHITTAKER

Delegates to the University Council (see page 4)

**Purpose.** — The Design of the School of Law is to afford a thorough, practical, and scientific education in the principles of: The common and statute law of the United States: The English and American system of equity jurisdiction: The Public law of the United States and Europe: The Roman law — ancient and modern: Theoretical and comparative jurisprudence.

Opportunity is given through short special courses (see page 129) for specializing in particular fields.

**Application.** — All applicants for admission must present satisfactory evidence of good moral character.

Admission to the School of Law as a matriculated student will be upon one of the following three conditions:

(a) Graduation from an approved college or scientific school of collegiate rank.

(b) The successful completion of three years of undergraduate study in an approved college or scientific school, which course of study must have included satisfactory courses in Economics and in English and American History.

(c) In lieu of either of the above, the presentation of satisfactory evidence of preliminary training obtained in higher institutions of learning, in this country or abroad, equivalent to that prescribed in either of the foregoing paragraphs (a) or (b).

(For detailed description of courses see page 129).

**Advanced Standing.** — Students complying with the above requirements for admission to the School, who have, in addition, successfully pursued the study of law for at least a year in an approved law school on examination giving satisfactory evidence of proficiency in the studies of the final year, may be admitted to advanced standing as members of the second-year class. Examinations are usually required in the more important first-year subjects. No one will be admitted to advanced standing beyond the second year except by special vote of the Faculty.

The examinations for advanced standing cover all the work previously done by the class to which admission is sought, and are held at the end of the half-year in which the respective subjects are given and during the week preceding the opening of the fall term. Examinations may be dispensed with and credit given on certificate for courses satisfactorily completed in an approved law school in cases where such courses are deemed by the Faculty equivalent to the corresponding courses given in this School.

**Non-Matriculants.** — Duly qualified persons not candidates for the degree of LL.B. may be admitted as non-matriculated students on presenting such evidence as the Faculty may require of their exceptional fitness to undertake with advantage the study of law. Applicants must usually have two years or more of College or Law School work to their credit and must be at least twenty-one years of age.

**Examinations.** — Written examinations are held at the end of each half-year on the subjects completed during that half-year and on the subjects of the first and second years during the week preceding the opening of the academic year.

<sup>1</sup> Absent on leave, 1915-16.

<sup>2</sup> Absent on leave, Winter Session.

All students, whether matriculated or non-matriculated, must, unless excused by the Dean, present themselves for examination in all the subjects for which they are registered at the first examination held therein, and, in case of excuse from any examination, must take the next examination offered in such subject. Students are not permitted to take examinations in courses for which they are not regularly registered.

At all stated examinations the standing of students will be indicated by the letters A, B, C, D, and F, representing Excellent, Good, Fair, Poor, and Failure, respectively. These grades will be part of the record of the students in the office of the Registrar, and will be reported to them as soon as possible after each examination.

No student will be admitted to the second-year class who is deficient in more than four hours of the work of the first year. No student will be admitted to the third-year class who is deficient in any subject of the first year, or in more than one full course or in more than two half-year courses of the second year.

No student failing in any subject will be permitted to take a second examination therein without having again taken the course in which such failure occurred, nor will any student failing a second time in any subject be allowed to continue in the School except by special vote of the Faculty.

No special examinations are given.

**Bachelor of Laws.** — The required work for the degree of Bachelor of Laws consists of 76 points, each point representing the satisfactory completion of work requiring attendance one hour a week for one half-year. This requirement is usually met by a program of fourteen hours per week in the first year and of twelve hours per week through the second and third years.

No student doing full work may take less than twelve nor more than fourteen hours per week in any half-year.

Students registered in the Law School will, on approval of the Faculty, be credited with law courses successfully completed by them in the Summer Session of the University.

Not more than one full course representing four points nor more than two half-year courses representing three points each in which the student receives a mark of D may be counted toward a degree in any one year.

No student failing in any subject on the final examination of his class will be admitted to the degree unless within two years of such failure he presents himself for re-examination and receives a mark of C, at least, therein.

Non-matriculated students who have been members of the School for at least two years may become eligible for the degree if they shall have attained an average of B in all the work prescribed therefor.

#### **Master of Laws**

**Higher Degrees.** — The degrees of Master of Arts and Doctor of Philosophy are also awarded for work done in part under the Faculty of Law. (See page 219.)

**Scholarships and Prizes** (see page 280)

**Fees** (see page 50)

**Library.** — The Law Library has been greatly extended and improved, and now consists of upwards of 60,000 volumes, which have been carefully selected to meet the wants of students. It contains practically every reported decision of the American, English and British Colonial courts, and good working collections of American and foreign statute law, Roman and modern civil law, and jurisprudence. Lectures on legal bibliography and the use of law books are given by the Law Librarian.

## PROGRAM OF STUDIES

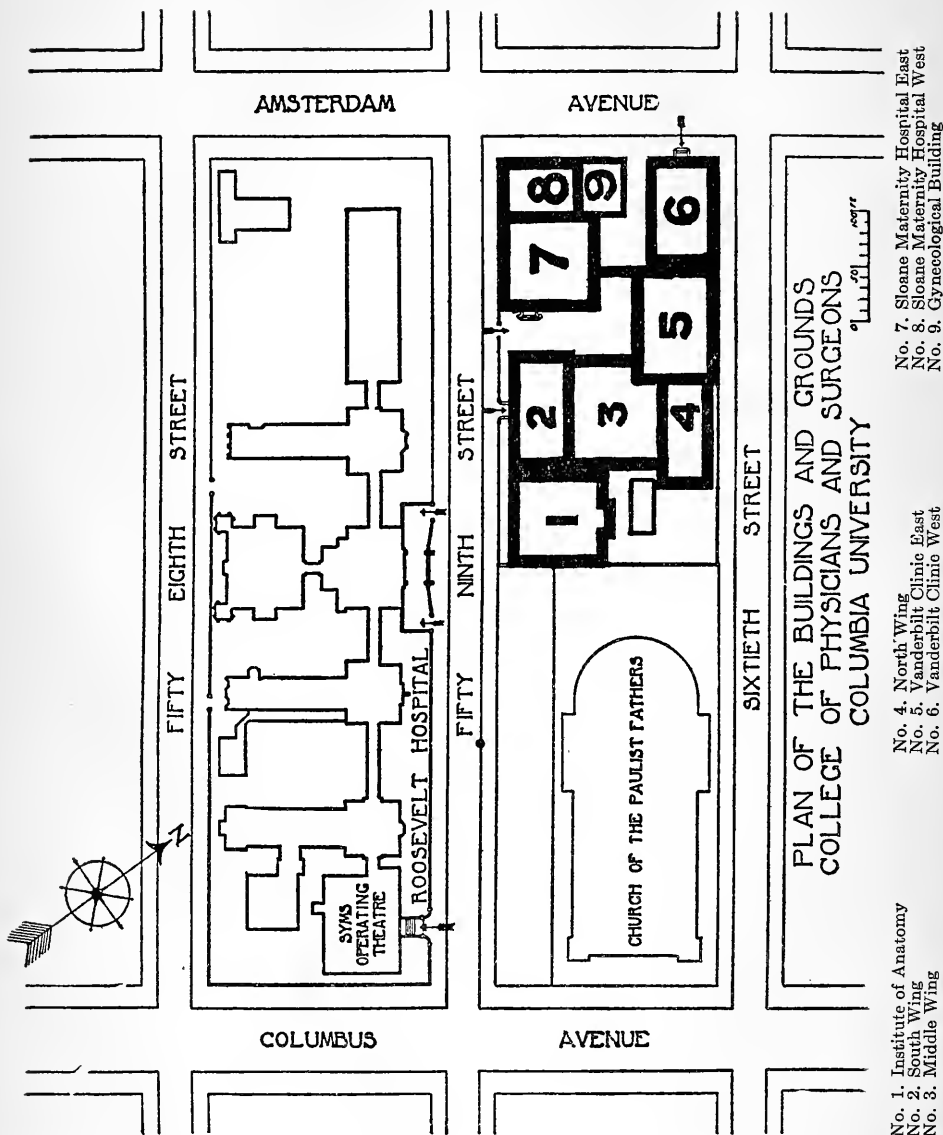
FIRST YEAR		SECOND YEAR		THIRD YEAR	
SUBJECT	HRS.	SUBJECT	HRS.	SUBJECT	HRS.
<i>1st Half</i>		<i>1st Half</i>		<i>1st Half</i>	
American Constitutional Law	1	Amer. Const. Law II	2	Corporations	2
Contracts	4	Domestic Relations	2	Equity II	3
Criminal Law	3	Equity I	2	Evidence	4
Property I	2	Institutes of Roman Law	4	International Law	2
Torts	4	Insurance	2	Law of Officers	2
		Pleading and Practice II Agency	4	Pleading and Practice III	3
		Real and Personal Prop. II	2	Real and Personal Prop. III	3
<i>2nd Half</i>		<i>2nd Half</i>		Municipal Corporations	2
Contracts	4	American Const. Law II	2		
Pleading and Practice I	3	*Bankruptcy and Insolv.	2	<i>2nd Half</i>	
Real and Personal Prop. I	4	Carriers	3	Private Rights and Immunities	2
Agency	3	Negotiable Paper	3	Corporations	2
		Real and Personal Prop. II	2	Evidence	2
		Sales of Personal Prop. II	4	International Law	2
		Trusts	4	Mortgages	3
		Quasi-Contracts	3	N. Y. Trusts	2
				Conflict of Laws	3
				Suretyship	2
				Wills and Administration	3
				Partnership	3

\* Given alternate years only; omitted 1916-1917.

*Special Courses:* Admiralty. Patent Law. Law of Mining and Irrigation. Reading in the Digest of Justinian.  
 Modern Civil Law. History of European Law.







# SCHOOL OF MEDICINE

## COLLEGE OF PHYSICIANS AND SURGEONS

### FACULTY

President BUTLER

Dean LAMBRET

Professors BREWER, BURTON-OPITZ, CRAGIN, EVANS, GIES (*Secretary*), HOLT, HUNTINGTON, LAMBERT (A. V. S.), LEE, LONGCOPE, MACCALLUM, PAINTER, SCHULTE, TILNEY, WOOD, and ZINSSER

### Committees

ON ADMINISTRATION: The Dean (*Chairman*), Professors BREWER, CRAGIN, HUNTINGTON, LEE, LONGCOPE and MACCULLUM

ON ADMISSIONS: The Dean (*Chairman*), Professors ZINSSER and SCHULTE

ON SCHOLARSHIPS: The Dean (*Chairman*), Professors PAINTER and BURTON-OPITZ

ON STUDENTS' LIBRARY: Professors HUNTINGTON (*Chairman*), BREWER, and GIES

ON LEGISLATION: Professors LAMBERT, LEE and WOOD, and Professor STONE of the Law School

Delegates to the University Council (see page 4)

---

**Historical.** — King's College — the original foundation of Columbia University — organized a Medical Faculty in 1767 and was the first institution in the North American Colonies to confer the degree of Doctor of Medicine in course. The first individuals to graduate in medicine from the College were Robert Tucker and Samuel Kissam, who received the degree of Bachelor of Medicine in May, 1769, and that of Doctor of Medicine in May, 1770, and May, 1771, respectively. Instruction in medicine was given from this time on until the work of the College was broken up by the War of the Revolution. In 1784 an act was passed making Columbia College in the City of New York the successor of King's College, and instruction was resumed in the academic department. Eight years later the Medical Faculty was re-established, and was continued until 1814, when the Medical Faculty of Columbia College was merged in the College of Physicians and Surgeons, which had received an independent charter in 1807. In 1860, by agreement between the Trustees of the two institutions, the College of Physicians and Surgeons became the medical department of Columbia College, and from that time on the diplomas of the graduates were signed by the President of Columbia College as well as by the President of the College of Physicians and Surgeons. The connection was only a nominal one, however, until 1891, when the College was definitely merged in the University.

Since 1769 the degree of Doctor of Medicine has been conferred by Columbia University on 7931 men, including many of the most eminent practitioners in the United States.

**Location and Equipment.** — The College of Physicians and Surgeons was first situated at 18 Robinson Street, from 1807 to 1809. From 1809 to 1813 it was at 12 Magazine Street; from 1813 to 1837 at 3 Barclay Street; from 1837 to 1856 at 67 Crosby Street; and from 1856 to 1887 at 101 East Twenty-third Street. It now occupies a group of buildings which stand upon thirty contiguous lots of land, bounded on the south, west, and north by Fifty-ninth Street, Amsterdam Avenue, and Sixtieth Street, respectively, and lying immediately opposite the Roosevelt Hospital.

**Main Building.** — The main College buildings have been designed to facilitate the combination of theoretical instruction with laboratory work, which is essential to a modern scientific training. In these buildings, which have a floor space of 100,000 square feet, are the lecture halls, the recitation rooms, and the laboratories, under the supervision of their respective professors, all thoroughly equipped for the routine work of the regular classes and for the special original and research work of the advanced students, instructors, and professors of the several departments; the administrative offices, the laboratories of physiology, bacteriology, anatomy, organic and biological chemistry, surgery, pharmacology and pharmacy, pathology and clinical pathology, the morphological museums and laboratory, a dissecting-room accommodating 400 students, and two large amphitheatres.

For a more detailed account of the equipment of each department, see the departmental statements.

**Presbyterian Hospital.** — The alliance brought about by the mutual action of the two boards of trustees between the College of Physicians and Surgeons and the Presbyterian Hospital permits the scientific and clinical direction by the University of the medical, surgical, and pathological services of the hospital. A clinic service in medicine and in surgery has been organized in the hospital and placed in the charge of the Professors of Medicine and of Surgery, respectively. These services contain about one hundred beds each and form an admirable ward hospital service for the Departments of Medicine and of Surgery. The Presbyterian Hospital contemplates the building of a new plant in which the present arrangements will be far surpassed, both in scientific facilities and in the number of beds.

The exceptional advantages of such an alliance between the College and the Presbyterian Hospital can scarcely be overstated. The system of sending fourth-year students to the various hospitals as clinical clerks has been strengthened and made more effective. The students will be sent to the other hospitals, which have admitted clinical clerks, as heretofore, but the wards of the Presbyterian Hospital, in so far as they have been designated for university purposes, offer a more thorough opportunity for the study of bed patients. The future development on these lines will place the College of Physicians and Surgeons in the position where its clinical facilities will be commensurate with the laboratory development which has taken place during the last ten years.

**Library.** — The libraries of the College of Physicians and Surgeons consist of a general reference library with reading-room, and the special libraries of various departments. The general reference library is located on the first floor of the main building. It is open during the day and is freely accessible to all students. It contains 5,400 volumes and 7,000 pamphlets, which include a collection of current text-books and monographs and the most important current medical journals. The books are classified according to the classification of the Library of Congress, and are catalogued with author, subject, and title entries. The catalogue will eventually become a union catalogue of

all books in the different libraries of the College. Books are loaned out over night for the convenience of students who wish to study at home. The special libraries are located in the rooms of the various departments. They consist largely of periodical literature, but include many monographs and other books relating to the subjects of the respective departments. They are of special interest to the investigators in these departments, but may be used by other students upon special request.

More than three hundred periodicals are received in the several libraries of the College. The number of volumes and pamphlets is as follows:

Anatomy, 1,700 volumes, 2,000 pamphlets; Biological Chemistry, 2,800 volumes, 8,000 pamphlets; Pathology, 5,700 volumes, 2,000 pamphlets; Pharmacology, 450 volumes; Physiology, 8,000 volumes, 9,500 pamphlets; Practice of Medicine (Janeway Library), 3,000 volumes, 3,300 pamphlets; Reference Library, 5,400 volumes, 7,000 pamphlets; Surgery (at the Presbyterian Hospital), 1,000 volumes, 1,000 pamphlets; total, 28,050 volumes, 32,800 pamphlets.

**Crocker Fund.** — This fund was established by a legacy from the late Mr. George Crocker for the purpose of conducting an investigation on the subject of cancer. The research laboratories of the Fund are situated on East Field, in a three story and basement, fireproof structure, measuring about forty by one hundred feet. The building is very completely equipped with the necessary apparatus for the experimental study of cancer, and contains a large collection of specimens, a very complete library, photographic and photomicrographic apparatus, etc.

While the immediate object of the Fund is the promotion of research in cancer, voluntary workers who have had suitable preparation in pathological histology and pathology are welcome, and will be given sufficient instruction to enable them to pursue in a satisfactory manner some phase of cancer research. Informal courses will also be offered by the staff in the biology, classification, and diagnosis of tumors.

**Vanderbilt Clinic.** — The Vanderbilt Clinic is a fully-equipped dispensary for the sick poor. It affords ample material for extended practical clinical instruction in the various departments of medicine and surgery, as the professors, with their clinical assistants, have the entire charge of its practice. The building is so arranged that each department has a room for the practical instruction of students in small sections, in addition to the rooms devoted to the treatment of patients; besides, there is a large theatre for clinical lectures and a small lecture hall. Modern appliances for the treatment of diseases have been introduced, so that students can learn thoroughly the use of methods in each of the special departments of medicine. During the year 1914, 32,980 patients were treated, making 112,911 visits to the Clinic. For detailed information as to the clinical lectures held here, see the departmental statements in this volume, or the current *Announcement of the College of Physicians and Surgeons*.

**Sloane Hospital.** — The Sloane Hospital for Women is under the direction of the Professor of Obstetrics and Gynecology in the College of Physicians and Surgeons, an Instructor in Obstetrics and an Instructor in Gynecology being the Resident Officers. The wards of the Hospital furnish one hundred and seven obstetrical beds, one hundred babies' cribs, and twenty-four gynecological beds. In addition there are forty-two private-room beds and accommodations for the house staff, students, and nurses. There are two large operating rooms, one for obstetrics and one for gynecology, each equipped with

modern appliances for dealing with these conditions, where weekly clinics are held throughout the year.

With the completion of the Gynecological Department of the Sloane Hospital, the operative material of the large gynecological service of the Vanderbilt Clinic is made available for teaching purposes, so that students of the College of Physicians and Surgeons receive on the college grounds practical instruction, not only in normal and complicated obstetrics and the care of young babies, but in the treatment, operative and palliative, of all diseases of the female pelvic organs.

**Hospital Clinics.** — The College is strongly represented on the staffs of most of the general and special hospitals of New York. In them both required and optional practical instruction is given by clinical lectures, in the dispensaries and at the bedside, all of which are prominent features of the curriculum. These hospitals are as follows: Roosevelt, Bellevue, Presbyterian, St. Luke's, German, Mt. Sinai, City, Lincoln, Hospital for the Ruptured and Crippled, St. Mary's Free Hospital for Children, Willard Parker, Scarlet Fever and Reception, New York Eye and Ear Infirmary, Foundling, the Babies' Hospital, Herman Knapp Memorial Eye Hospital, the Manhattan Eye, Ear and Throat Hospital, The Montiflore Home and Hospital, and the Woman's Hospital. For a detailed statement, see the current *Announcement of the College of Physicians and Surgeons*.

**Plan of Instruction.** — The prescribed period of study for the degree of Doctor of Medicine is four years. The requirements for admission are given elsewhere, but too much stress cannot be laid upon the desirability of a student fulfilling the spirit as well as the mere letter of those requirements. Physics, general inorganic chemistry, and biology are now required for admission, and the student of medicine will grasp the advanced subjects forming the groundwork of the course the more easily and with the better understanding in proportion to the breadth and completeness of his preliminary education. The attention of students is particularly called to the regulations of Columbia College (see page 183) which permit a student to obtain a thorough preliminary training and at the same time to complete the requirements for the degree of A.B. or B.S. and the degree of M.D. in six or in seven years.

In the arrangement of the different branches of the medical instruction a logical order of the main themes and a co-ordination in the work of each department have been sought after, enabling the student to concentrate his attention upon some one subject and to be so familiar with it that the allied subjects next to be taken up shall be readily understood. The salient features in the method of instruction are thorough laboratory training, frequent demonstrations, clinical teaching in the operating theatres and at the bedside as well as in the dispensaries, with recitations and didactic lectures to elucidate the many problems confronting the student.

In the first half of the first year the time of the student is devoted largely to anatomy. The instruction is carried on mainly by numerous demonstrations to sections and by long periods of uninterrupted work in the dissecting-room. Organic chemistry is taught by lectures, recitations, demonstrations, and laboratory exercises; a practical course in histology and embryology is given. In the second half of the first year physiology is begun, for which the students have been prepared by courses in anatomy. Physiology is taught by lectures, demonstrations, recitations, and practical work in the laboratory. Physiological chemistry is studied in the laboratory and by lectures, recitations, and demonstrations; anatomy is continued and the course in histology and embryology is completed.

In the first half of the second year anatomy and physiology are completed. The lectures, recitations, and laboratory courses in pharmacology and bacteriology are attended. As preliminary to the third and fourth years, recitations from text-books are held in obstetrics and surgery. Throughout the second year the students are assigned to the laboratory for work in pathology and gross pathological anatomy. In the second half of the year they study clinical pathology and are prepared for the study of medicine by an elementary clinic, and by instruction in the methods of physical diagnosis.

During the third year recitations in medicine and surgery are continued and those in gynecology, diseases of children, and therapeutics are begun. There are theoretical or clinical lectures in medicine, surgery, pharmacology and therapeutics, obstetrics, gynecology, neurology, genito-urinary diseases, laryngology, otology, ophthalmology, dermatology and syphilology, orthopedic surgery, and diseases of children. The class is divided into small sections for instruction in physical and medical diagnosis, and in the special branches of medicine and surgery at the various dispensaries and hospitals.

The student in the fourth year spends most of his time in the hospitals and dispensaries of the city. Consequently, although a few general and clinical lectures are still given, the work is almost entirely practical and bedside instruction. Divided into small groups, the students continue to come into personal contact with patients, under the supervision of the instructor. In this way they have the opportunity to become familiar with the history of a case, to make a complete physical examination, to form a diagnosis, to give a prognosis, to advise treatment, and to watch progress. In the course in surgery the witnessing of numerous major and minor operations is supplemented by an operative course in which the student himself performs on the cadaver many of the more common operations. For an obstetrical service, the unsurpassed facilities of the Sloane Hospital for Women and out-patient obstetrical department in connection with the Nursery and Child's Hospital offer excellent opportunities. Here the student is required to live for five weeks and personally attend a certain number of cases of labor. The course in diseases of children includes bedside instruction in the wards of the Babies' Hospital, where exceptional advantages are enjoyed by the students for studying all forms of acute disease in infants and young children. The course is rounded out by personal instruction in the more special branches of medicine. In these branches the student is taught how to use instruments of precision and to recognize and treat successfully many of the rarer forms of disease.

**Clinical Clerks.** — Courses in the wards of St. Luke's, Bellevue, Roosevelt, the Mt. Sinai, the Presbyterian, the New York, and the German Hospitals have been opened by those institutions to fourth-year medical students. These courses consist of work in the wards of the hospitals during which the students serve as clinical clerks both in medicine and surgery and become for the time being members of the regular staff. The courses are open for periods of two months' duration both during the summer and during the regular term.

**Admission.** — All candidates must present the medical-student certificate of the Regents of the University of the State of New York, based on the following qualifications: The completion of not less than two full years of study, or the equivalent, in an approved college or scientific school, which college course must have included at least one year's instruction in the elements of physics, inorganic chemistry, and biology and French or German.

**Admission with Advanced Standing.** — Candidates who have completed, without conditions, one or more years of study in a medical school rated in

class A or A+ by the Council on Medical Education of the American Medical Association and who apply for admission to the College of Physicians and Surgeons will be given credit for all courses satisfactorily completed therein, on presentation of proper certificates to the Committee on Admissions, covering the same; provided that the candidates before beginning the study of medicine have fulfilled the requirements for admission demanded by the College of Physicians and Surgeons. Application blanks will be furnished on request, and prospective students are requested to file their applications before September 1st to avoid delay in matriculating at the beginning of the season. It is essential that students offering themselves for admission to advanced standing should have had all the work presented in the curriculum of the College of Physicians and Surgeons.

*Admission to the second year.* — Students planning to enter the second year from other medical schools who have not had a course in physiological chemistry at their medical school of previous residence may make up that deficiency by a course in the summer session at Columbia prior to admission.

*Admission to the third year.* — The course in medical education divides itself logically into two parts, the first of which is scientific and consists of the first two years, and the second is clinical and consists of the last two years. It is found difficult to separate the work of the third and fourth years, and students who desire to obtain the advantages of the clinical opportunities offered in New York City, so far as they are represented by the College of Physicians and Surgeons, are recommended to transfer from their college of previous study at the end of their second year in medicine, and to take both the third and the fourth years at Columbia. Students who have finished the combined course leading to a bachelor's degree, of which the last two years have been taken in a regular medical school connected with their university, are eligible for admission to the third year at the College of Physicians and Surgeons, provided they have taken all the courses of its first two years. Those students, however, who are deficient in clinical pathology or pathology, may make up the deficiency, before admission, in the summer sessions. Those students who are deficient in physical diagnosis may make up this subject in a special course which is given at the Vanderbilt Clinic for two weeks before the session opens.

*Admission to the fourth year.* — The fourth year at the College is so eminently clinical that admission to it will be limited to students who have already secured the degree of doctor of medicine. It is believed that it will be found to be a valuable post-graduate year for many graduates of other institutions.

*Special Students.* — Students desiring to do special work at the College of Physicians and Surgeons may register at any time during the year as special students. Such applicants, however, cannot subsequently become candidates for graduation without full compliance with the terms of admission and graduation. Special students will be required to present to the Committee on Admissions before entrance evidence of an adequate preliminary education, and special fitness for the particular work they desire to pursue.

*Graduation.* — Every candidate in the four-year course will be required before admission to the degree of M.D.:

1. To present satisfactory evidence, as required by law, of good moral character, and of having attained the age of twenty-one years.
2. To present evidence of having complied with the requirements for admission.



3. To have attained to satisfactory standing in the required studies of the four years of the curriculum. (See table, page 196.)

4. A candidate who shall have been admitted to advanced standing will be required to have spent not less than four academic years at the studies referred to in the clause next preceding; and to have complied successfully with the requirements for admission to advanced standing.

No two academic years which shall have begun during the same calendar year will be held to satisfy the requirements of the preceding clause.

#### Scholarships, Fellowships, and Prizes (see page 280)

Detailed information as to the laboratories, collections, and other facilities for study will be found in the statements of the various departments of instruction, pages 61 et seq. and more fully in the current *Announcement of the College of Physicians and Surgeons*.

**Summer Session.** — A general statement of the work offered in the Summer Session will be found in connection with the statement of the Summer Session (see the Table of Contents of this volume), and a detailed announcement, showing the scope of each course, the conditions under which it is given, and the fee charged, will be sent upon application to the Secretary of Columbia University.

## COURSE OF STUDY LEADING TO THE DEGREE OF M.D.

(A much more detailed summary will be found in the current *Announcement of the College of Physicians and Surgeons*)

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Chemistry (Organic) 51 Anatomy (including Histology and Embryology) 101, 103-104 Physiology 106-107 (first half) Physiological Chemistry 101 or 102 <i>Examinations upon the work of the first year</i> <i>Electives</i> Anatomy 202, 204, 302 Biological Chemistry 211-212, 221-222, 225-226 and 301-302 Surgery 216	Anatomy 105 and 107 Physiology 106-107 (second half) Pathology 101-102, 105-106 Bacteriology 101 Pharmacology, Materia Medica, and Therapeutics 101-102 Obstetrics 102 Practice of Medicine 102, 104, 106 Surgery 104 <i>Examinations upon the work of the second year</i> <i>Electives</i> Anatomy 109, 111, 113, 114, 116, 118, 120, 202, 204, 251-252 and 302 Biological Chemistry 211-212, 213-214, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-282, 301-302 Pathology 103-104, 109-110, 201-202, 251-252	Practice of Medicine 201-202, 205-206, 207-208, 209-210, 219-220 Neurology 201-202 Surgery 201-202, 203-204, 205-206, 207 Obstetrics 201 Gynecology 201, 202 Genito-Urinary Diseases 201, 202 Ophthalmology 201 and 202 Otology 201, 202 Diseases of Children 201, 203, 204, 206, 207-208 Orthopedic Surgery 202 Dermatology 201-202, 204 Laryngology 201, 202 <i>Examinations upon the work of the third year</i> <i>Elective Courses</i> Anatomy 109, 111, 113, 114, 116, 118, 120, 202, 204, 251-252 and 302 Bacteriology 201, 203, 205-206, 208 and 209-210, 211, 212, 251-252 Biological Chemistry 211-212, 213-214, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-282, 301-302	Practice of Medicine 211-212, 213-214, 215-216, 217-218, 221, 225-226, 227 Neurology 203-204, 205 Surgery 209-210, 211-212, 213-214 Obstetrics 203-204, 205-206 Gynecology 203-204, 205-206, 207-208, 209-210 Diseases of Children 203, 204, 209-210 Hygiene and Preventive Medicine 202 <i>Examinations upon the work of the fourth year</i> <i>Elective Courses</i> Anatomy 109, 111, 113, 114, 116, 118, 120, 202, 204, 251-252 and 302 Bacteriology 201, 203, 205-206, 208 and 209-210, 211, 212, 251-252 Biological Chemistry 211-212, 213-214, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-282, 301-302

Bacteriology 201, 203, 205-206, 208, 209-210, 211-212 and 251-252	Dermatology and Syphilology 205, 207, 209, 211
Biological Chemistry 211-212, 213-214, 221-222, 223-224, 225-226, 251-252, 261-262, 271-272, 281-282, 301-302	Diseases of Children 213-214, 215-216, 217-218, 219-220, 221-222
Genito-Urinary Diseases 204 and 206	Genito-Urinary Diseases 206
Laryngology 204	Gynecology 211-212, 213-214 and 215-216
Ophthalmology 205-206	Laryngology 206, 207 or 208
Orthopedic Surgery 201	Neurology 207-208, 209-210, 211-212, 213-214, 231-232
Otology 205-206	Ophthalmology 205-206
Pathology 109-110, 201-202, 205 and 251-252	Orthopedic Surgery 203-204, 205-206 and 207
Physiology 108, 201-202, 203-204, 205-206, 208 and 251-252	Otology 205-206
Practice of Medicine 217-218, 224, 228 and 235-236	Pathology 109-110, 113-114, 201-202, 203, 205 and 251-252
Surgery 217-218	Physiology 108, 201-202, 203-204, 205-206, 207, 208 and 251-252
Pharmacology, 213-214, 215, 217, 251-252	Practice of Medicine 217-218, 224, 228, 230, 235-236, 237-238, 239-240 and 251-252
	Surgery 217-218, 219-220, 221-222, 223-224, 225-226, 227-228, 229-230, 231-232, and 233-234
	Pharmacology 213-214, 215, 217 and 251-252

<sup>1</sup> In all subjects which are not completed in a single year, the instruction offered to a given student is different each year. Consult the departmental statements (pp. 71, *et seq.*) for: 1. The scope of each course, the number of hours required for it, and the instructors giving it. 2. Information regarding the courses open to special (graduate) students in medicine. 3. Courses which may be counted towards the degrees of A.M. and Ph.D.

# THE SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY

## FACULTY

President BUTLER

Dean GOETZE

Professors ARENDT, BEANS, BERKEY, BLANCHARD, BOGERT, BURNSIDE, BURR, CAMPBELL, <sup>3</sup> CURTIS, DAVIS, FINCH, <sup>1</sup> FISKE, FITE, FREAS, GRABAU, HALL, HARRINGTON, HAWKES, JACKSON (D.D.), JACOBY, JONES, (*Secretary*), JUDD, <sup>1</sup> KEMP, KENDALL, KERN, KEYSER, LOVELL, LUCKE, <sup>3</sup> LUQUER, MACLAY, MAYER, METZGER, MEYLAN, MILLER, MORECROFT, MORGAN (J. L. R.), MOSES, MOSS, NORSWORTHY, PARR, PEELE, PEGRAM, PRESTON, <sup>1</sup> PUPIN, RAUTENSTRAUCH, RAYMOND, SCHROEDER, <sup>2</sup> SHERMAN (H. C.), SLICHTER, SMITH (ALEXANDER), THOMAS, THURSTON, TUCKER, WALKER, WENDELL, WHITAKER, WILLHOFFT, WILLS, ZANETTI.

## COMMITTEE ON INSTRUCTION

The Dean (*Chairman*), Professors KEMP, MAYER, RAUTENSTRAUCH, SLICHTER, WALKER, WENDELL, and WHITAKER.

Delegates to the University Council (see page 4)

## New Advanced Courses in Engineering

The Trustees of Columbia University, in accordance with the unanimous recommendation of the Faculty of Applied Science, determined in 1912 to raise the requirements for admission to the Schools of Mines, of Engineering and of Chemistry, and generally to elevate and strengthen the course of engineering and technical study, from and after July 1, 1914. These schools at that time became advanced or graduate schools, to which students of any branch of engineering, who have had a suitable preliminary training in a scientific school or college, may come for the highest type of professional instruction and for training in methods of research.

Candidates for admission to these new courses are required to present evidence of such preliminary general education as can ordinarily be had only by taking at least three years of study in a college or scientific school of high rank.<sup>4</sup>

The new arrangement need make no substantial change in the age of graduation from the professional school. The student who enters a college at sixteen or sixteen and one-half years of age, and who pursues a combined college and professional school course successfully, can be graduated under the terms of the new plan at about the same age as those students who formerly entered at eighteen and one-half years and followed the former four-year courses.

<sup>1</sup> Absent on leave, 1915-16.

<sup>2</sup> Absent on leave, Winter Session.

<sup>3</sup> Absent on leave, Spring Session.

<sup>4</sup> During the year 1915-1916, the last two years of the former four-year courses will be given in order to take care of students who entered before the new requirements went into effect. Students who have completed the equivalent of the first and second years of the former four-year courses may enter the third (Junior) year of these courses in September, 1915, on the presentation of satisfactory credentials. For further information see the current *Announcement of the Schools of Mines, Engineering and Chemistry*.

Beginning in 1915, the schools under the Faculty of Applied Science will offer the following courses:

*The School of Mines.* — Three-year advanced courses leading to the degrees of Engineer of Mines and of Metallurgical Engineer.

*The School of Engineering.* — Three-year advanced courses in Civil Engineering, Sanitary Engineering, Electrical Engineering, and Mechanical Engineering, leading to the degrees of Civil Engineer, Electrical Engineer, and Mechanical Engineer respectively.

*The School of Chemistry.* — Three-year advanced courses, leading to the degrees of Chemist and Chemical Engineer.

The courses are intended to meet the requirements of the several professions indicated; and many of them permit a certain amount of specialization, particularly in the third year. The work in the School of Mines is so arranged that the student can emphasize the engineering, the metallurgical, or the geological side of his profession.

Candidates for a professional degree who have some special end in view will be occasionally permitted to vary the regular program by substituting other subjects offered under the Faculty of Applied Science.

**Requirements for Admission.** — Admission to the Schools of Mines, Engineering, and Chemistry will be upon one of the two following conditions:

(a) The satisfactory completion of not less than three full years of study or the equivalent in an approved college or scientific school which course must have included adequate instruction in Chemistry, Mathematics and Physics and the first courses in Drawing, Mechanics, Mineralogy and Shopwork or

(b) In lieu of the above, candidates of mature years who may not be able to fulfill the requirements in every respect, but who have had a successful professional experience, may present such evidence as the faculty may require to prove exceptional fitness to undertake the study of engineering.

It is desirable that candidates for admission make application in the spring in order to ascertain whether it would be advisable to attend the Summer Session in July and August with a view of completing the requirements for admission.

Graduates of colleges and technical schools may be admitted to advanced standing by submitting evidence that they have satisfactorily completed courses required in the class or classes preceding the one for which application for admission is made.

Students who plan to do their college work elsewhere should apply without fail to the Secretary of the University for advice regarding the choice of their studies in order to make certain that they may be able to meet the new requirements for admission by the time their college work is completed.

**Preparatory Courses in Columbia College.** — The attention of students who wish to pursue a course in the Schools of Mines, Engineering, and Chemistry is directed to the course in Columbia College, especially arranged for study preparatory to the work in engineering. See the current *Announcement of Columbia College*.

**Special Courses.** — Graduates of the Schools of Mines, Engineering, and Chemistry, and of other institutions of equal grade may pursue any subjects taught in the schools for which they are properly qualified.

Persons of mature age who are not graduates, but who show special qualifications, are sometimes permitted to pursue special courses, but this permission is not given to others.

**Registration and Fees** (see page 50)**Fellowships and Scholarships** (see page 280)

**Rules.** — 1. A student cannot be a candidate for more than one professional degree at the same time.

2. A candidate for a degree must comply with all requirements in force at the time said degree is conferred.

3. A student will be permitted to substitute one subject for another provided he obtains the consent of the Dean, the heads of departments concerned, and the head of the department giving the technical instruction leading to the degree.

4. A student absent from more than one-tenth of the required exercises will be debarred from examination in that subject. No student shall be exempt from this regulation except by action of the Committee on Instruction.

5. After examinations have been held, officers shall report to the Registrar the standing of all students who have attended their courses, in terms of the letters A, B, C, D, and F; A, B and C to be passing grades, D signifying a deficiency removable by reexamination, and F a complete failure. Reports of standing will be sent to students at the end of each term. Copies of all reports are at the same time sent to the Dean and to the Faculty adviser. They will be sent to the parent or guardian of students only on request.

6. Regular examinations shall be held at the end of the first half-year and at the end of the second half-year in all subjects offered during those respective periods. An examination may be held at the completion of any subject which does not extend throughout the given half-year.

7. Special examinations for students deficient at regular examinations shall be held during the two weeks in September preceding the opening of the next following academic year; and for members of the fourth class in subjects belonging to that year only, during the first week in May.

Students who have been debarred and students who have received a grade of F either during the regular term or in the Summer Session are excluded from such examinations in accordance with the terms of the following rule:

Any student who shall have been debarred from or shall have received a grade of F in any mid-year or final examination or in the Summer Session in any subject shall not be allowed to take a deficiency or make-up examination in said subject until he shall have repeated said course in class.

8. Failure to pass a Summer Session course, credit for which would be accepted as equivalent to a regular course in the Schools of Mines, Engineering, and Chemistry, shall be counted, in case a student registers for said course, as one of the three failures referred to in Rule 10.

9. The fee for special examinations is \$5 for each course, which must be paid when the application is made. For special examinations in the September series the maximum fee is \$25.

10. A student failing to pass in any subject at the regular examinations must present himself for special examination as provided under Rule 7.

Failing to pass the second examination, he must repeat the subject with the next class. Failing a third time to pass a satisfactory examination he may be dropped from the roll of the School.

11. Absence from any regular or special examination provided for in Rules 7 and 8 shall count as a failure unless excused by the Dean for reasons of weight.

12. No student having an entrance deficiency shall be permitted to register for any subject of the third or fourth year without the written consent of the Dean, and no student shall be permitted to register for any subject, the prerequisites for which have not been satisfied by him unless the Dean, for reasons of weight, grants him special permission.

13. Any student who shall have passed a satisfactory examination in Columbia College, in any subject forming a part of one of the professional courses in the Schools of Mines, Engineering, and Chemistry, will not be required to pursue that subject a second time.

14. During vacations following the close of each year, memoirs on assigned subjects must be prepared by the students in the courses of Mining, Metallurgy, Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, and Chemistry. The time specified for the completion and handing in of memoirs will be as stated in the respective departmental announcements.

A student failing to hand in his memoir, drawings, or other summer work at the time specified by the department in which he is registered shall be considered to have failed; to have his work received later, he will be obliged to pay a fee of \$5, as for a special examination.

15. By permission of the Dean, and concurrence of the heads of departments concerned, a student may attend subjects not required for his degree, provided such attendance does not interfere with his regular work. He must fulfil all the requirements exacted from regular students in such course.

Application for each special examination, except as provided below, must be filed at the office of the Registrar at least one week before the examination is to be taken, and in September and May at least one week before the first day of the respective examination period (in 1915-16 not later than Monday, September 13, and Tuesday, April 25, respectively). For later application an additional fee of \$5 for any examination or series of examinations will be charged. Applications must be made on blanks (one for each course) to be obtained from the Registrar.

During the academic year students will be held responsible for the receipt of reports and other official communications sent to them at the University Post Office. During the summer vacation they will be held responsible for the receipt of such communications sent to their home address as given on their registration blank for the preceding academic year.

**Equipment.** — Detailed information as to the laboratories, museums, collections, libraries, and other facilities for study and research will be found in the departmental statements as follows: **Chemistry**, page 75. **Civil and Sanitary Engineering**, page 81. **Electrical Engineering**, page 107. **Geology**, page 114. **Mechanical Engineering**, page 136. **Metallurgy**, page 137. **Mineralogy**, page 139. **Mining**, page 140. **Physics**, page 157.

### SUMMARY OF PROFESSIONAL COURSES OF STUDY

**NOTE:** Detailed tabular arrangements of each year of these courses will be found in the current *Announcement of the Schools of Mines, Engineering, and Chemistry*. For significance of course numbers see page 61.

#### Engineer of Mines

The instruction during the first year includes fundamental training in physics, mechanics, chemistry, mineralogy, geology and engineering, as outlined in the program of studies. Instruction in the second and third

## 202 SCHOOLS OF MINES, ENGINEERING, CHEMISTRY

years includes mining engineering, metallurgy, and advanced geology, and certain subjects in civil, mechanical, and electrical engineering. Laboratory instruction in all these subjects extends through three years.

The engineering, mining, and metallurgical laboratories are equipped to train the student in the making of scientific tests of engineering materials, and working tests of machines and processes of ore treatment, thus preparing him, as far as it is possible in the school, for work that he will be called upon to do as an engineer.

Practical instruction in summer classes in the field is made an important feature of the curriculum.

While much time is given to practical training in the laboratories, in the field, and at the mines and metallurgical establishments, care is taken to subordinate this instruction to a high standard of accomplishment in classroom work.

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
<i>First Half-Year</i>								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Drafting 7	0	3	Civil Eng. 155	3	3	Civil Eng. 177	2	0
Elect. Eng. 101	2	0	Geology 105	3	0	Elect. Eng. 119	1	3
Geology 5	2	3	Mech. Eng. 121	2	0	Mech. Eng. 141	3	0
Mech. Eng. 101	2	0	Metallurgy 101	3	0	Metallurgy 131	1	0
Mech. Eng. 107	2	0	Metallurgy 111	3	0	Metallurgy 141	1	0
Mechanics 103	3	0	Metallurgy 181	2	9	Mining 171	3	0
Mineralogy 17	4	6	Mineralogy 11	0	3	Mining 175	0	9
Physics 149	0	3	Mining 151	3	0	Mining 181	4	0
			Mining 173	1	0			
Total hours	15	15		17	15		15	12
<i>Second Half-Year</i>								
Chemistry 162	1	6	Civil Eng. 150	2	3	Geology 110	2	0
Chemistry 66	1	6	Civil Eng. 16	1	3	Mech. Eng. 112	0	3
Chemistry 182	3	0	Elect. Eng. 104	2	0	Mech. Eng. 154	2	3
Drafting 8	0	3	Elect. Eng. 18	1	3	Metallurgy 122	3	0
Elect. Eng. 102	2	0	Geology 4	0	3	Metallurgy 170	0	3*
Geology 6	3	0	Geology 106	3	0	Mining 156	3	0
Mech. Eng. 102	2	0	Mech. Eng. 122	2	0	Mining 17	2	0
Mechanics 104	3	0	Mech. Eng. 164	0	3	Mining 182	0	3†
			Mining 152	2	0	Mining 192	2	0
			Mining 154	3	0	Mining 194	2	0
Total hours	15	15		16	15		16	12
<i>Summer Work</i>								
Civil Eng. 15S	5 weeks		Civil Eng. 28S	3 weeks				
Civil Eng. 27S	5 weeks		Geology 112S	1 week				
			Mining 158S	1 week				
			Mining 159S	6 weeks				

\* 10 consecutive afternoons.

† 18 consecutive afternoons.

<sup>1</sup> Will not be given until 1916-17.

<sup>2</sup> Will not be given until 1917-18.



## Metallurgical Engineer

This course, which covers three years, is intended for those who expect to follow metallurgical work and become trained metallurgists in any of the branches of the profession. During the first year attention is paid to a thorough training in fundamental subjects, especially in chemistry, physics, geology, mineralogy, and preliminary courses in engineering. In the second year instruction is given in metallurgy and in mechanical, electrical, and mining engineering, chemistry, mineralogy, and geology. The third year is devoted largely to advanced lecture courses and laboratory work in metallurgy, to important courses in mining engineering, and to the higher branches of engineering and chemistry.

In the summer schools, instruction is given in general surveying, geological field work, and visits are made to metallurgical works. In the eight weeks' summer courses at metallurgical works the students are required to study processes, make dimension sketches of furnaces and mills, and by observation and instruction become acquainted with metallurgical operations as conducted at the time.

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
<i>First Half-Year</i>								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Elect. Eng. <b>101</b> Geology <b>5</b> Mech. Eng. <b>101</b> Mech. Eng. <b>107</b> Mechanics <b>103</b> Mineralogy <b>17</b> Physics <b>149</b>	2 2 2 2 2 4 0	3 3 0 0 0 6 3	Civil Eng. <b>155</b> Geology <b>105</b> Mech. Eng. <b>121</b> Metallurgy <b>101</b> } Metallurgy <b>111</b> } Metallurgy <b>131</b> } Metallurgy <b>181</b> Mineralogy <b>11</b>	3 2 2 2 3 1 2 0	3 0 0 0 0 0 6 3	Civil Eng. <b>177</b> Elect. Eng. <b>119</b> Mech. Eng. <b>141</b> Metallurgy <b>141</b> Metallurgy <b>151</b> Metallurgy <b>171</b> Mining <b>173</b> Mining <b>181</b>	2 1 3 1 2 0 1 4	0 3 0 0 0 12 0 0
Total hours	15	12		14	15		14	15
<i>Second Half-Year</i>								
Chemistry <b>162</b> Chemistry <b>66</b> Chemistry <b>182</b> Drafting <b>8</b> Elect. Eng. <b>102</b> Geology <b>6</b> Mech. Eng. <b>102</b> Mechanics <b>104</b>	1 1 3 0 2 3 2 3	6 6 0 3 0 0 0 0	Civil Eng. <b>164</b> Elect. Eng. <b>104</b> Elect. Eng. <b>118</b> Geology <b>4</b> Geology <b>106</b> Mech. Eng. <b>122</b> Mech. Eng. <b>164</b> Metallurgy <b>122</b> Mining <b>154</b>	1 2 1 0 3 2 0 3 3	3 0 3 3 0 0 3 0 0	Mech. Eng. <b>154</b> Metallurgy <b>172</b> Metallurgy <b>176</b> Metallurgy <b>178</b> Mining <b>182</b> Mining <b>192</b> Mining <b>194</b> Adv. Met. Courses	2 0 1 0 0 2 2 6	3 3 0 3† 3† 0 0 0
Total hours	15	15		15	12		13	12
<i>Summer Work</i>								
Civil Eng. <b>15 S</b> Civil Eng. <b>27 S</b>	5 weeks 5 weeks		Geology <b>112 S</b> Metallurgy <b>164 S</b> Metallurgy <b>166 S</b>	1 week 4 weeks 4 weeks				

\* 10 consecutive afternoons.

† 18 consecutive afternoons.

<sup>1</sup> Will not be given until 1916-17.<sup>2</sup> Will not be given until 1917-18.

## Civil Engineer

The purposes set forth in the General Statement are accomplished by instruction in the following list of subjects, the earlier of which are more fundamental while those of the last year are more professional in their character and scope. The subjects are so chosen as to accomplish broad educational training in the various fields of civil engineering. It will be observed that the effort is made to emphasize and ground the student in fundamental principles, especially in their applications to the practical matters of engineering work. The range of subjects is sufficient to cover essentially the manufacture and use of power; any structural work in iron and steel, masonry, including reinforced concrete, timber, and those constructions involving the consideration of the pressure and carrying power of earth. It will also be noted that the important subject of hydraulics is amply provided for by suitable topics covering public water supplies, flow in streams, natural and artificial, and hydraulic motors.

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
<i>First Half-Year</i>								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Botany <b>7</b>	1	3	Civil Eng. <b>151</b>	3	3	Civil Eng. <b>185</b>	2	0
Chemistry <b>161</b>	0	6	Civil Eng. <b>153</b>	5	6	Civil Eng. <b>187</b>	2	6
Civil Eng. <b>121</b>	2	0	Civil Eng. <b>161</b>	2	3	Civil Eng. <b>189</b>	3	3
Elect. Eng. <b>101</b>	2	0	Civil Eng. <b>175</b>	3	0	Civil Eng. <b>191</b>	1	0
Geology <b>31</b>	3	3	Mech. Eng. <b>121</b>	2	0	Civil Eng. <b>197</b>	3	0
Mech. Eng. <b>101</b>	2	0	Mech. Eng. <b>147</b>	3	3	Civil Eng. <b>199</b>	1	0
Mechanics <b>103</b>	3	0				Elect. Eng. <b>103</b>	2	0
Metallurgy <b>133</b>	2	0				Mech. Eng. <b>113</b>	0	3
Physics <b>149</b>	0	3				Mech. Eng. <b>161</b>	0	3
Total hours	15	15		18	15		14	15
<i>Second Half-Year</i>								
Chemistry <b>182</b>	3	0	Astronomy <b>106</b>	2	3	Civil Eng. <b>188</b>	2	0
Civil Eng. <b>122</b>	0	6	Civil Eng. <b>152</b>	3	3	Civil Eng. <b>190</b>	3	3
Drafting <b>6</b>	0	3	Civil Eng. <b>158</b>	3	3	Civil Eng. <b>194</b>	2	0
Drafting <b>8</b>	0	3	Civil Eng. <b>160</b>	2	0	Civil Eng. <b>200</b>	0	3
Elect. Eng. <b>102</b>	2	0	Civil Eng. <b>162</b>	2	3	Elect. Eng. <b>112</b>	2	0
Geology <b>32</b>	2	3	Elect. Eng. <b>118</b>	1	3	Elect. Eng. <b>120</b>	1	3
Mech. Eng. <b>102</b>	2	0	Mech. Eng. <b>122</b>	2	0	Law <b>2</b>	2	0
Mechanics <b>104</b>	3	0				Mech. Eng. <b>150</b>	2	0
Physics <b>106</b>	3	0				Mech. Eng. <b>162</b>	0	3
Total hours	15	15		15	15		14	12
<i>Summer Work</i>								
Civil Eng. <b>15 S</b> <sup>3</sup>	5 weeks		Civil Eng. <b>26 S</b>	2 weeks				
Civil Eng. <b>25 S</b>	5 weeks		Civil Eng. <b>29 S</b>	4 weeks				
			Astronomy <b>107 S</b>	3 weeks				

<sup>1</sup> Will not be given until 1916-17.    <sup>2</sup> Will not be given until 1917-18.<sup>3</sup> Students are advised to take this course during the previous summer.

## Sanitary Engineering

The three-year graduate course in Sanitary Engineering aims to include the more essential subjects given in the Civil Engineering course, but provides a working knowledge of sanitary science and the sanitary arts. The course is a differentiation of Civil Engineering and leads to the same degree.

While mathematics, mechanics and physics are the theoretical basis for the work of the civil engineer in design, construction and management, the sanitary engineer adds to these the collateral sciences of chemistry and biology.

The sanitary engineer must not only be able to design and construct water purification plants and sewage disposal systems but he must understand the chemical and biological processes upon which the successful operation of these

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
<i>First Half-Year</i>								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Botany <b>7</b>	1	3	Chemistry <b>77</b>	2	3	Civil Eng. <b>185</b>	2	0
Chemistry <b>73</b>	1	6	Civil Eng. <b>151</b>	3	3	Civil Eng. <b>183</b>	2	3
Civil Eng. <b>121</b>	2	0	Civil Eng. <b>153</b>	5	6	Civil Eng. <b>191</b>	2	0
Elect. Eng. <b>101</b>	2	0	Civil Eng. <b>161</b>	2	3	Civil Eng. <b>193</b>	2	0
Geology <b>31</b>	3	3	Civil Eng. <b>175</b>	3	0	Civil Eng. <b>195</b>	0	6
Mech. Eng. <b>101</b>	2	0	Mech. Eng. <b>121</b>	2	0	Civil Eng. <b>197</b>	3	0
Mechanics <b>103</b>	3	0				Elect. Eng. <b>103</b>	2	0
Metallurgy <b>133</b>	2	0				Mech. Eng. <b>113</b>	0	3
Physics <b>149</b>	0	3				Mech. Eng. <b>161</b>	0	3
Total hours	16	15		17	15	Adv. San. Meth. (Opt.)	13	15
							2	0
<i>Second Half-Year</i>								
Chemistry <b>162</b>	1	6	Chemistry <b>78</b>	2	6	Civil Eng. <b>186</b>	2	0
Chemistry <b>182</b>	3	0	Civil Eng. <b>158</b>	3	3	Civil Eng. <b>196</b>	2	0
Drafting <b>6</b>	0	3	Civil Eng. <b>160</b>	2	0	Civil Eng. <b>198</b>	1	0
Drafting <b>8</b>	0	3	Civil Eng. <b>162</b>	2	3	Civil Eng. <b>200</b>	0	3
Elect. Eng. <b>102</b>	2	0	Civil Eng. <b>194</b>	2	0	Elect. Eng. <b>120</b>	1	3
Geology <b>32</b>	2	3	Elect. Eng. <b>118</b>	1	3	Law <b>2</b>	2	0
Mech. Eng. <b>102</b>	2	0	Mech. Eng. <b>122</b>	2	0	Mech. Eng. <b>126</b>	2	0
Mechanics <b>104</b>	3	0				Mech. Eng. <b>162</b>	0	3
						Organic Chem.	3	3
Total hours	13	15		14	15		13	12
Physics <b>106</b> (Opt.)	3	0						
<i>Summer Work</i>								
Civil Eng. <b>15 S</b> <sup>3</sup>	5 weeks		Civil Eng. <b>26 S</b>	2 weeks				
Civil Eng. <b>25 S</b>	5 weeks		Civil Eng. <b>26a S</b>	3 weeks				
			Civil Eng. <b>29 S</b>	4 weeks				

<sup>1</sup> Will not be given until 1916-17.      <sup>2</sup> Will not be given until 1917-18.

<sup>3</sup> Students are advised to take this course during the previous summer.

plants is based. He must not only be able to construct such engineering features as will prevent epidemics and further the health and comfort of individuals and communities but he must have a knowledge of bacteriology, sanitary statistics and the sources and modes of infection.

Instruction is given by illustrated lectures, conferences and demonstrations supplemented by field and laboratory practice. The field work includes instruction in the use of transits, levels and plane tables, current meters, gauges and floats, and visits of inspection. The laboratory work in hydraulics consists of the measuring of weir and orifice discharge, the flow through open channels and closed pipes and general hydraulic investigations.

### Electrical Engineer

The actual curriculum including the various requirements which must be fulfilled in order to obtain the degree of E.E. are given in the following list of studies for each of the three graduate years, the character of each subject or requirement being explained more fully in the departmental statement referred

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
<i>First Half-Year</i>								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Chemistry 161	0	6	Civil Eng. 155	3	3	Elect. Eng. 105	2	0
Civil Eng. 177	2	0	Elect. Eng. 121	3	6	Elect. Eng. 109	2	0
Elect. Eng. 101	2	0	Mech. Eng. 113	0	3	Elect. Eng. 123	3	6
Geology 41	2	0	Mech. Eng. 119	2	3	Elect. Eng. 125	2	3
Mech. Eng. 101	2	0	Mech. Eng. 145	2	0	Mech. Eng. 135	2	3
Mech. Eng. 105	2	0	Mech. Eng. 161	0	3	Mech. Eng. 151	2	3
Mechanics 103	3	0	Physics 111	2	0	Physics 113	2	0
Metallurgy 133	2	0						
Physics 149	0	3						
Total hours	15	9		12	18		14	15
<i>Second Half-Year</i>								
Chemistry 182	3	0	Elect. Eng. 104	3	0	Elect. Eng. 112	2	0
Chemistry 184	2	3	Elect. Eng. 108	3	3	Elect. Eng. 114	2	0
Elect. Eng. 102	2	0	Elect. Eng. 110	2	0	Elect. Eng. 116	2	3
Law 2	2	0	Elect. Eng. 122	2	6	Elect. Eng. 124	3	6
Mech. Eng. 102	2	0	Mech. Eng. 120	2	3	Elect. Eng. 126	1	3
Mech. Eng. 106	2	0	Mech. Eng. 162	0	3	Mech. Eng. 138	2	0
Mechanics 104	3	0	Physics 112	2	0	Physics 52	1	0
Physics 150	0	6				Physics 114	2	0
Total hours	16	9		14	15		15	12
<i>Summer Work</i>								
Mech. Eng. 114 S	8 weeks	Inspection and report on A. C. Power Plant.						

Will not be given until 1916-17.

<sup>2</sup> Will not be given until 1917-18.

to. Before entering these three years of graduate study, the student is required to have a training in such fundamental subjects as mathematics, physics, chemistry, mechanics and drawing, as outlined in the requirements for admission.

The three years outlined below are intended to include the more specialized professional instruction. However, even in these later years more advanced theoretical subjects, such as thermodynamics and electro-mechanics, are included and given most careful attention.

### Mechanical Engineer

All the subjects leading to the degree of Mechanical Engineer are listed in the following table, together with the year and term in which they are given. The first year is devoted to essential preparatory and introductory subjects so treated as not only to prepare for later work directly but to give a survey of all that is to come. In the second year there are developed the basic principles of thermodynamics, resistance of materials and hydraulics, which

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
First Half-Year								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Chemistry 161	0	6	Civil Eng. 155	3	3	Elect. Eng. 107	2	0
Civil Eng. 177	2	0	Elect. Eng. 103	2	0	Mech. Eng. 131	0	3
Elect. Eng. 101	2	0	Mech. Eng. 115	3	3	Mech. Eng. 135	2	3
Mech. Eng. 101	2	0	Mech. Eng. 123	4	0	Mech. Eng. 139	2	3
Mech. Eng. 103	2	3	Mech. Eng. 125	2	0	Mech. Eng. 143	2	0
Mech. Eng. 109	1	0	Mech. Eng. 127	0	3	Mech. Eng. 147	0	3
Mech. Eng. 111	0	3	Mech. Eng. 171	0	6	Mech. Eng. 159	2	0
Mechanics 103	3	0				Mech. Eng. 167	2	3
Metallurgy 133	2	0				Law 2	2	0
Physics 149	0	3						
Total hours	14	15		14	15		14	15
Second Half-Year								
Chemistry 182	3	0	Elect. Eng. 106	2	0	Elect. Eng. 120	1	3
Elect. Eng. 102	2	0	Elect. Eng. 118	1	3	Mech. Eng. 136	3	6
Mech. Eng. 102	2	0	Mech. Eng. 116	3	3	Mech. Eng. 146	3	3
Mech. Eng. 104	2	3	Mech. Eng. 124	4	0	Mech. Eng. 152	3	0
Mech. Eng. 110	2	6	Mech. Eng. 128	2	0	Mech. Eng. 160	2	0
Mech. Eng. 112	0	3	Mech. Eng. 130	2	0	Mech. Eng. 168	2	3
Mechanics 104	3	0	Mech. Eng. 132	0	3			
Metallurgy 156	0	3	Mech. Eng. 172	0	6			
Total hours	14	15		14	15		14	15
Summer Work								
Mech. Eng. 114 S	8 weeks	Mech. Eng. 134 S	4 weeks					
		Mech. Eng. 142 S	4 weeks					

<sup>1</sup> Will not be given until 1916-17.

<sup>2</sup> Will not be given until 1917-18.

## 208 SCHOOLS OF MINES, ENGINEERING, CHEMISTRY

are fixed in the mind of the student by drill, in the drafting room by design courses, in the laboratory by experiments and tests, and in class by analysis of standard mechanical and electrical machinery. The third year is devoted to a detailed treatment of gas, steam, and water power units and plants and to factory buildings, equipment, processes and management. Throughout the course the aim is to develop clear conceptions of underlying principles, habits of independent thought and orderly mental procedure applicable to any sort of mechanical engineering problems rather than to the memorization of isolated facts. The training given not only fits the student to take up the design of machinery and the perfection of processes of doing things by mechanical means, but also to take ultimately a leading place in the management of the manufacturing and transportation industries as engineer or executive.

### Chemical Engineering

The courses of instruction leading to the degree in Chemical Engineering are carefully chosen with a view to training men to develop and direct those industrial and manufacturing operations and processes which are based upon the application of chemistry. A general knowledge of civil engineering is

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Chemistry 41	3	6	Chemistry 131	3	3	Chemistry 171	2	6
Chemistry 63	2	9	Civil Eng. 155	3	3	Chemistry 173	2	0
Elect. Eng. 101	2	0	Civil Eng. 177	2	0	Chemistry 187	2	0
Mech. Eng. 101	2	0	Elect. Eng. 103	2	0	Chemistry 189	0	3
Mechanics 103	3	0	Elect. Eng. 117	1	3	Mech. Eng. 149	3	0
Physics 149	* 1½	0	Mech. Eng. 105	2	0	Mech. Eng. 151	2	3
			Mech. Eng. 119	2	3	Metalurgy 101 }	3	0
						Metalurgy 111 }	1	0
						Metalurgy 131		
Total hours	13½	15		15	12		15	12
<i>Second Half-Year</i>								
Chemistry 42	3	6	Chemistry 132	3	3	Chemistry 184	2	3
Chemistry 162	1	6	Chemistry 186	2	0	Chemistry 198	2	0
Chemistry 64	1	3	Elect. Eng. 120	1	3	Chemistry 200	1	3
Chemistry 182	3	0	Law 2	2	0	Chemistry 296	2	0
Elect. Eng. 102	2	0	Mech. Eng. 106	2	0	Mech. Eng. 136	3	6
Mech. Eng. 102	2	0	Mech. Eng. 112	0	3	Metalurgy 122	3	0
Mechanics 104	3	0	Mech. Eng. 120	2	3	Metalurgy 156	0	3
			Metalurgy 184	1	3			
Total hours	15	15		13	15		13	15
<i>Summer Work</i>								
Chemistry 80 S	2 weeks		Chemistry 180 S	5 weeks				
Mech. Eng. 108 S	6 weeks		Mech. Eng. 166 S	3 weeks				

<sup>1</sup> Will not be given until 1916-17.

<sup>2</sup> Will not be given until 1917-18.

obtained from courses in hydraulics and resistance of materials. Electrical applications are studied in the Direct and Alternating Current Laboratories with the electrical engineers. A study of steam and gas power machinery, pumps, turbines, blowers and hydraulic equipment in the mechanical engineering laboratories supplements the courses in general physics, thermodynamics and hydraulics.

In addition to the training in the fundamental engineering courses, it is sought to advance the students' knowledge of chemistry into the fields of physical chemistry, organic chemistry, and the more important special applications of industrial chemistry.

During the final year much attention is given to the development of the skill of the student in the application of the fundamental, engineering and chemical principles studied earlier in the course to the practical problems of the industry. The Chemical Engineering Laboratory is so equipped and managed as to develop the power of making direct application of previous training.

Graduates in Chemical Engineering obtain positions in works laboratories as assistants to superintendents of works, and assistants to designing and erecting chemical engineers, and in various other capacities calculated to develop the experience leading to the independent direction and management of manufacturing enterprises.

### Chemistry

The graduate years include courses in all branches of chemistry. In view of the increasing use of electricity in industrial chemistry, this science is studied continuously during the first two years. In the third year the work is all elective, and it is concentrated in a few subjects each half-year, to the end that the student may devote himself to two or more branches of the science, and develop to the fullest extent his knowledge of the lines of work chosen. By means of preceptorial conferences, much attention is given to outside reading and to practicing the art of mastering all that is known about a given topic. The chemical courses furnish the student with technical knowledge of the methods of the science. The conferences enable him to recognize, to lay out, and to solve the problems which his professional work will constantly bring to him for solution.

The three-year course in chemistry prepares men for professional careers as analytical and consulting chemists, teachers of chemistry, research workers in the government, state, municipal and endowed scientific laboratories, and as chemists for the operating departments of railroads and of large industrial establishments which maintain separate chemical and engineering staffs, such as packing houses, sugar refineries, and other large food factories, fertilizer works, gas works, textile and dye works, and establishments where glass and ceramic products, explosives, illuminating and lubricating oils, metals and alloys, alkalis, acids, drugs, and innumerable other products are manufactured.

Problems arising in factories and in public and private undertakings, which do not constantly employ chemists, and special problems arising in factories which do employ chemists are constantly referred to analytical and consulting chemists.

The agricultural experiment stations, the federal and state food laboratories, the boards of health, the state and national geological surveys, and the many privately endowed institutions for scientific research employ very large numbers of chemists as workers and directors.

## 210 SCHOOLS OF MINES, ENGINEERING, CHEMISTRY

Many of the larger and more progressive manufacturing establishments maintain thoroughly equipped laboratories devoted entirely to experimental research for the purpose of improving present manufacturing processes and for devising new and better ones.

FIRST YEAR			SECOND YEAR <sup>1</sup>			THIRD YEAR <sup>2</sup>		
<i>First Half-Year</i>								
Courses	Hours		Courses	Hours		Courses	Hours	
	Class	Lab.		Class	Lab.		Class	Lab.
Chemistry <b>41</b> Chemistry <b>63</b> Elect. Eng. <b>101</b> Physics <b>101</b> Physics <b>149</b>	3 2 2 3 * 1½	6 9 0 0 0	Chemistry <b>121</b> Chemistry <b>123</b> Chemistry <b>173</b> Chemistry <b>187</b> Elect. Eng. <b>117</b> Mineralogy <b>9</b> Conference	3 1 2 2 1 2 3	0 6 0 0 3 3 0	Electives.†	14	12
Total hours	11½	15		14	12			
<i>Second Half-Year</i>								
Conference Chemistry <b>42</b> Chemistry <b>162</b> Chemistry <b>64</b> Chemistry <b>182</b> Elect. Eng. <b>102</b>	3 3 1 1 3 2	0 6 6 3 0 0	Chemistry <b>122</b> Chemistry <b>176</b> Chemistry <b>186</b> Elect. Engr. <b>104</b> Metallurgy <b>156</b> Mineralogy <b>10</b> Conference	3 2 2 2 0 2 3	0 6 0 0 3 3 0	Electives <sup>2</sup>	14	12
Total hours	13	15		14	12			
<i>Summer Work</i>								
Zoology <b>S1</b>	6 weeks		Chemistry <b>S80</b> Bacteriology (Microbiology)	2 weeks  6 weeks				

\* Represents 3 hours laboratory work.

† Equivalent to eight full courses (four each half-year) of which two courses are Electro-chemistry and A. C. Machine Lab. and at least four full courses are in the Department of Chemistry.

<sup>1</sup> Will not be given until 1916-17.

<sup>2</sup> Will not be given until 1917-18.



# FACULTIES OF POLITICAL SCIENCE, PHILOSOPHY AND PURE SCIENCE

## FACULTY OF POLITICAL SCIENCE

President BUTLER

Dean WOODBRIDGE

Professors BEARD, BOTSFORD, CHADDOCK, <sup>1</sup>CLARK, DEVINE, DUNNING, GIDDINGS, GUTHRIE, JOHNSON, KENDRICK, LINDSAY, MCBAIN, MCGIFFERT, MITCHELL (W. C.), MOORE (J. B.), MOORE (H. L.), <sup>2</sup>MUSSEY, MUZZEY, OSGOOD, POWELL (*Secretary*), ROBINSON, ROCKWELL, SAIT, SCHUYLER, <sup>3</sup>SEAGER, SELIGMAN, SHEPHERD, SHOTWELL, SIMKHOVITCH, SLOANE, SMITH (MUNROE), STOWELL, SUZZALLO, TENNEY

### Committee on Instruction

Professors SELIGMAN (*Chairman*), DUNNING, MUNROE SMITH, GIDDINGS and SHOTWELL.

Delegates to the University Council (see page 4)

**General Statement.** — The Faculty of Political Science, established in 1880, has charge of the university courses of instruction and research in political and social science, including history, economics, public law and comparative jurisprudence. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University. Women who hold a baccalaureate degree are admitted to the School of Political Science as students in history, economics and social science and may become candidates for the higher degrees.

Students are received either as candidates for the degrees of Master of Arts and Doctor of Philosophy (see "Regulations for Higher Degrees," page 214, *et seq.*), or as "non-matriculated students," to pursue special or partial courses.

**Courses.** — For information regarding the courses offered during the current year, see statement under groups of subjects, as follows:

Economics and Social Science, page 93.

History and Political Philosophy, page 122.

Public Law and Comparative Jurisprudence, page 130.

For more detailed accounts of the courses and for the tender of the current year application should be made for the current *Announcement of the Division of History, Economics and Public Law*.

## FACULTY OF PHILOSOPHY

President BUTLER

Dean WOODBRIDGE

Professors ADLER, AYRES, BAGSTER-COLLINS, BAKER, BEWER, <sup>1</sup>BOAS, BREWSTER, <sup>1</sup>BROWN (FRANCIS), BUSH, CARPENTER, <sup>2</sup>CATTELL, COE, COHN,

<sup>1</sup> Absent on leave 1915-1916.

<sup>2</sup> Absent on leave Spring Session

<sup>2</sup> Absent on leave Winter Session

## 212 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

DEWEY, EGBERT, ERSKINE, FLETCHER, FOUCHER, <sup>1</sup>FULLERTON, GERIG, GOTTHEIL, HALL, HERVEY, HIRTH, JACKSON (A. V. W.), KNAPP, KRAPP, LAWRENCE (*Secretary*), LIVINGSTON, LODGE, LOISEAUX, MCCREA, <sup>1</sup>McMURRY, <sup>3</sup>MATTHEWS, MILLER (D. S.), <sup>3</sup>MONROE, MONTAGUE, MOORE (F. G.), PERRY, PITKIN, PRINCE, REMY, RUSSELL, SACHS, SAVILLE, STURTEVANT, THOMAS (C.), THORNDIKE (A. H.), <sup>1</sup>THORNDIKE (E. L.), TODD, <sup>3</sup>TRENT, WEEKS, WHEELER, WOODWORTH, WRIGHT, YOUNG

### Committee on Instruction

Professors CALVIN THOMAS (*Chairman*), A. H. THORNDIKE, MCCREA, WOODWORTH and MONROE

Delegates to the University Council (see page 4)

**General Statement.** — The Faculty of Philosophy, established in 1890, has charge of the university courses of instruction and research in philosophy, psychology, education, anthropology, philology, and letters. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are received either as candidates for the degree of Master of Arts and Doctor of Philosophy (see "Regulations for University Degrees," page 214, *et seq.*), or as "non-matriculated students," to pursue special or partial courses.

**Courses.** — For information regarding the courses offered (during the current year) see departmental statements as follows: **Anthropology**, page 64. **Classical Philology** (including **Archæology** and **Epigraphy**), page 85. **Education**, page 99. **English and Comparative Literature**, page 109. **Germanic Languages**, page 116. **Oriental Languages: Chinese**, page 144; **Indo-Iranian**, page 145; **Semitic**, page 146. **Philosophy and Psychology**, page 152. **Romance Languages**, page 165. **Science of Language**, page 109.

For more detailed accounts of the courses and for the tender of the current year application should be made for the current divisional *Announcement of Ancient and Oriental Languages; Modern Languages and Literatures; Philosophy, Psychology, and Anthropology; and of Teachers College*

## FACULTY OF PURE SCIENCE

President BUTLER

Dean WOODBRIDGE

Professors BEANS, BLANCHARD, BOGERT, BRITTON, BURR, BURTON-OPITZ, CALKINS, <sup>2</sup>COLE (*Secretary*), CRAMPTON, <sup>3</sup>CURTIS, DAVIS, DEAN, DODGE, <sup>2</sup>FISKE, FITE, GIES, GRABAU, HARPER, HAWKES, HUNTINGTON, JACOBY, JOHNSON, (D. W.), KASNER, <sup>1</sup>KEMP, KEYSER, LEE, LUCKE, <sup>3</sup>LUQUER, <sup>3</sup>MAC-CALLUM, MACLAY, MARQUETTE, MITCHELL (H. B.), MORGAN (J. L. R.), MORGAN (O. S.), MORGAN (T. H.), MOSES, OSBORN, PEGRAM, PIKE, POOR, <sup>1</sup>PUPIN, RICHARDS, <sup>2</sup>SHERMAN (H. C.), SLICHTER, SMITH (ALEXANDER), SMITH (D. E.), TROWBRIDGE, WEBB, WILLS, WILSON, WOOD (F. C.), WOODHULL, ZINSSER

<sup>1</sup> Absent on leave 1915-1916.

<sup>3</sup> Absent on leave Spring Session.

<sup>2</sup> Absent on leave Winter Session.

## Committee on Instruction

Professors PEGRAM (*Chairman*), T. H. MORGAN, BOGERT (1916), MAC-LAY (1916), HARPER (1918)

Delegates to the University Council (see page 4)

**General Statement.** — The Faculty of Pure Science, established in 1892, has charge of the university courses of instruction and research in all branches of pure science. Any duly matriculated university student is at liberty to combine courses of study and investigation under this Faculty with courses offered by other Faculties of the University.

Students are received either as candidates for the degrees of Master of Arts and Doctor of Philosophy (see "Regulations for Higher Degrees," page 214, *et seq.*), or as "non-matriculated students," to pursue special or partial courses.

**Courses.** — For information regarding the courses offered the current year, see departmental statements as follows: *Anatomy*, page 63. *Astronomy*, page 68. *Bacteriology*, page 69. *Biological Chemistry*, page 70. *Botany*, page 72. *Chemistry*, page 75. *Civil Engineering*, page 81. *Electrical Engineering*, page 107. *Geology*, page 114. *Highway Engineering*, page 83. *Mathematics*, page 133. *Mechanical Engineering*, page 136. *Mechanics*, see *Physics*. *Metallurgy*, page 137. *Mineralogy*, page 139. *Mining*, page 140. *Pathology*, page 148. *Pharmacology*, page 149. *Physics*, page 157. *Physiology*, page 161. *Zoölogy*, page 172.

For more detailed accounts of the courses and for the tender of the current year application should be made for the divisional current *Announcement of College of Pharmacy; Biology; Chemistry; Geology, Geography, and Mineralogy; Mathematical and Physical Sciences;* and of the *Schools of Mines, Engineering, and Chemistry.*

**Foreign Service.** — A system of courses has been inaugurated to prepare students for work in foreign countries, either in the service of the United States Government, in business enterprises, or as missionaries or scientific investigators.

The successful completion of the courses offered, which will normally occupy three years in the case of candidates for the consular service, and two years in the case of candidates for other foreign service in special fields, will entitle the student, on recommendation of the committee in charge of the course of studies, to an appropriate certificate. Subject to the rules of the institution, candidates for certificates are admitted to candidacy for the regular academic degrees.

The course of study is framed primarily for graduate students, but it is also open to specially qualified students who have not completed the full college course. Students are expected to have completed successfully at least two years of undergraduate work or to give proof of equivalent training.

Candidates for a certificate must prove their ability to read French or German, and must have completed the regular college courses on the general principles of economics, American history, and European history of the nineteenth century.

The program of studies includes seven divisions: (1) Languages, (2) Geography, (3) Ethnography, (4) History, (5) Religions, (6) Economics, (7) Law.

## REGULATIONS FOR THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

Candidates for the degrees of Master of Arts and Doctor of Philosophy, known as the higher degrees, must hold a baccalaureate degree in arts, letters, philosophy, or science, or an engineering degree from an approved institution, or have an education equivalent to that represented by one of these degrees.

Students are advised to ascertain, by addressing the Director of University Admissions, before coming to the University, whether the college from which they have received their baccalaureate degree is upon the list of institutions whose degrees are accepted by Columbia University as entitling the holder to matriculate as a candidate for the higher degrees; or for a ruling upon an education claimed to be the equivalent of a Bachelor's degree.

A student who is graduated from a college which is not on the accepted list should submit an official transcript of his college record showing: (1) the grades received in the several courses; (2) a catalogue of his college in which he has marked (a) each of the subjects that he offers for admission, and (b) each course for which he has received credit toward the degree.

Each candidate for a higher degree must present to the Dean satisfactory evidence that he is qualified for the studies he desires to undertake.

Candidates for the degrees of Master of Arts and Doctor of Philosophy must pursue their studies in residence for a minimum period of one and two years, respectively; provided, however, that the period of residence may be proportionately extended in the case of students from institutions in which the course of study is not regarded as equivalent to that in Columbia College.<sup>1</sup> The year spent in study for the degree of Master of Arts is credited on account of the requirement for the degree of Doctor of Philosophy. Residence at other universities may be credited to a candidate. In certain cases and by special arrangement, time exclusively devoted to investigation in the field will be credited in partial fulfillment of the requirement of residence. No degree will be conferred upon any student who has not been in residence at Columbia University as a graduate student for at least one year. The satisfactory completion of work at four Summer Sessions or at two Summer Sessions, together with a half-year of the regular academic year, will be accepted as fulfilling the requirement of one year of university residence for the higher degrees.

**Professional Schools.** — Students holding the required first degree who are primarily registered in a professional school of Columbia University, or in an allied professional school, may, with the consent of the faculty of such school, be registered as candidates for the higher degree in the Faculty of Political Science, the Faculty of Philosophy, or the Faculty of Pure Science. In such a case the candidate must take his major subject under one of these Faculties, and must conform to all its rules as regards examinations, essay, and dissertation; but he may offer, as the equivalent of four full courses for the degree of Master of Arts and of the two minor subjects for the degree of

<sup>1</sup> In determining residence the following is the administrative procedure: attendance distributed over a period of at least one academic year, upon at least eight full courses from the list of graduate courses, as approved by the graduate faculties and the University Council, constitutes one year of residence for the higher degrees in Columbia University.

Doctor of Philosophy, such of his professional courses as may be approved for that purpose by the Dean of the Graduate Faculties.<sup>1</sup>

**Doctor of Philosophy.** — Each student who declares himself a candidate for the degree of Doctor of Philosophy shall designate one principal or major subject and two subordinate or minor subjects. Candidates are expected to devote about one-half of their time throughout their course of study to the major subject, and about one-quarter to each minor subject. Except by vote of the Executive Committee of the University Council, upon the recommendation of the Dean and the head of the department concerned, no candidate may choose his major and both minor subjects under one department. Major and minor subjects may not be changed except by permission of the Dean, on the approval of the head of the departments concerned. Both the professor in charge of the major subject and the Dean must pass upon the student's qualifications for the course of study he desires to pursue, and approve his choice of subjects before registration can be effected.

The subjects from which the candidate's selection must be made are:

#### UNDER THE FACULTY OF POLITICAL SCIENCE

Group I. — History and political philosophy: (1) Ancient and oriental history; (2) medieval history and church history; (3) modern European history from the opening of the 16th century; (4) American history; (5) history of thought and culture.

Group II. — Politics, public law and comparative jurisprudence: (1) Politics; (2) Constitutional Law and Administrative Law; (3) International Law; (4) Roman Law and Comparative Jurisprudence.

Group III. — Economics and social science: (1) Political economy and finance; (2) sociology and statistics; (3) social economy.

A candidate for the degree of Doctor of Philosophy whose major subject lies within the jurisdiction of this Faculty must select one minor subject outside of the group which includes his major subject, and one minor subject within the group which includes his major subject. He must take, in his major subject, courses occupying at least four hours weekly during each required year of residence (provided that this number of hours be offered in the subject), and must also attend a Seminar during the period of residence. In each minor subject he must take courses occupying at least two hours weekly during each required year of residence.

#### UNDER THE FACULTY OF PHILOSOPHY

I. Major Subjects: (1) Philosophy; (2) psychology; (3) anthropology; (4) education; (5) linguistics; (6) comparative literature; (7) classical archæology and epigraphy; (8) Greek language and literature, and, incidentally, Grecian history; (9) Latin language and literature, and, incidentally, Roman history; and the following including in each case the study of both the language and the literature: (10) English; (11) Germanic; (12) Romance; (13) Sanskrit (with Pali) and Iranian; (14) Semitic languages; (15) Chinese. Nos. 1, 2, 3, 4, 6, 10, 11, 12, 13, 14, and 15 may each be offered as the equivalent of a major and one minor subject.

II. Minor Subjects: (1) Philosophy; (2) psychology; (3) anthropology; (4) education; (5) linguistics; (6) comparative literature; (7) Greek; (8)

<sup>1</sup> In accordance with this provision it is the custom of the Dean to approve two full years of professional work as the equivalent of four full courses for the degree of Master of Arts and three full years of professional work as the equivalent of the two minor subjects for the degree of Doctor of Philosophy, and to require students who are candidates for degrees under this provision to distribute their university work over a period of two and three years, respectively.

Greek archæology; (9) Latin; (10) Roman archæology; (11) Comparative Grammar of Greek and Latin; (12) Sanskrit; (13) Iranian; (14) English; (15) Anglo-Saxon; (16) Gothic; (17) Germanic philology; (18) German language and literature; (19) Scandinavian languages and literatures; (20) Romance philology; (21) French language and literature; (22) Spanish language and literature; (23) Italian language and literature; (24) Hebrew; (25) Arabic; (26) Assyrian; (27) Syriac; (28) Ethiopic; (29) Semitic epigraphy; (30) Turkish; (31) Armenian; (32) Chinese; (33) Coptic; (34) Celtic; (35) Comparative religion.

A candidate for the degree of Doctor of Philosophy may, with the consent of the Dean and of the departments concerned, select both minor subjects within the same department, and may divide a minor subject, taking parts of two subjects germane to his major subject.

#### UNDER THE FACULTY OF PURE SCIENCE

(1) Agriculture; (2) anatomy; (3) astronomy; (4) bacteriology; (5) botany; (6) biological chemistry; (7) chemistry; (8) civil and sanitary engineering; (9) electrical engineering; (10) highway engineering; (11) geodesy; (12) geology; (13) mathematics; (14) mechanical engineering; (15) mechanics and electromechanics; (16) metallurgy; (17) mineralogy; (18) mining; (19) paleontology; (20) pathology; (21) pharmacology; (22) physics; (23) physiology; (24) zoölogy.

No one of the subjects, chemical engineering, civil engineering, electrical engineering, mechanical engineering, metallurgy, or mining, may be offered as a subject of major interest except by a candidate who has already obtained the corresponding engineering degree. With the consent of the Dean and of the departments concerned, (1) the major and one minor subject may be taken under one department, (2) both minor subjects may be taken under one department and one minor subject may be divided.

Each student is given a registration-book in which to keep the record of courses attended. At the beginning and end of each course the professor in charge certifies the student's attendance by his signature. Before presenting himself for examination, the student shall submit his registration-book to the Dean in order that the Dean may satisfy himself that the residence requirements have been fulfilled.

Applications for the final oral examination for the degree of Doctor of Philosophy must be filed with the Dean at least two months before one of the three dates at which diplomas are issued (*viz.*, October, February, and June) in order to secure examination before that date.

Each candidate for the degree of Doctor of Philosophy shall present a dissertation embodying the results of original investigation and research on some topic previously approved by the professor in charge of the major subject. When such dissertation has been approved, it shall be printed by the candidate, and one hundred copies shall be delivered to the Registrar before the degree is conferred. For reasons of weight and on the recommendation of the department concerned, the Dean may suspend this requirement if the dissertation has been accepted by a reputable scientific journal and publication within a period of two years has been assured. The Dean may, when he deems it necessary, demand a financial guaranty of eventual publication. On the title-page of every such dissertation shall be printed the words: "Submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy, in the Faculty of ———, Columbia University;" the full name of the author;

the full title of the dissertation; the year and place of imprint, and, if a reprint, the title, volume, and pagination of the publication from which it was reprinted. There shall be printed and appended to each dissertation, in the form of a vita, a statement of the place and date of birth of the author, of the educational institutions that he has attended, and a list of the degrees and honors conferred upon him, as well as the titles of his previous publications.

No candidate for the degree of Doctor of Philosophy is admitted to examination except on the recommendation of the professor who has approved the topic selected for the dissertation, indorsed by the professors in charge of the major and minor subjects. Every candidate must pass, besides such other examinations as the Faculty in charge of the major subject may require, an oral examination on all three subjects, and must defend the dissertation in the presence of that Faculty, or of so many of its members as may desire or as may be designated to attend.

In the Faculty of Political Science, the examination on the major and minor subjects and on languages, but not on the dissertation itself, may be held before the printed dissertation is submitted.

In the Faculties of Philosophy and Pure Science, the dissertation is not required to be printed until after the examinations of the candidate. Students should, however, at least three weeks prior to their examination deposit three typewritten copies in the Dean's office for the inspection of the examiners.

The general examination for the degree of Doctor of Philosophy will not be confined to the courses which the candidate has attended in Columbia University or elsewhere, or even to the field covered by such courses. The candidate is expected to show a satisfactory grasp of his major subject as a whole and a general acquaintance with the broader field of knowledge, of which this subject forms a part.

The ability to read at sight French and German, to be certified in each case by the Dean, is required by all the Faculties.

In the Faculty of Political Science, the candidate must also show that he is able to read ordinary Latin, unless it shall have been previously certified by the professor, or professors, in charge of the major subject that ability to use this language is not necessary for the proper prosecution of the candidate's researches. On application to the Dean, the candidate may be examined on the required languages one year before presenting himself for the general examination on his major and minor subjects. If no such application be made, he will be examined on the languages in connection with the general examination on these subjects.

In the Faculty of Philosophy, admission as a regular student or as a candidate for the degree of Master of Arts does not admit to candidacy for the degree of Doctor of Philosophy. Only those students are admitted to candidacy for the degree of Doctor of Philosophy who (1) are recommended for such candidacy by the departments in which their major and minor subjects of study lie; (2) are certified as to their ability to read French and German by those departments; (3) are certified as to their ability to read Latin by that department, provided that students whose major subject is philosophy, psychology, anthropology, or education, shall not be required to meet this test when it is certified by the professor in charge of their major subject that an ability to read Latin is not necessary for the proper prosecution of their researches. The examinations in Latin, French and German shall be passed at least one academic year before the candidate presents himself for the degree.

No student may continue to be a candidate for the degree of Doctor of Philosophy for a longer period than three years from the time he ceases to be in residence, nor for a longer period than six years from the time of his initial registration for a higher degree.

**Master of Arts.** — Each student who declares himself a candidate for the degree of Master of Arts shall designate a department under which he elects to do the major part of his work and shall arrange, in consultation with and under the advice of that department, and subject to the approval of the Dean, a curriculum comprising at least the equivalent of seven full courses of graduate rank together with an essay or the equivalent thereof.

No one of the subjects chemical engineering, civil engineering, electrical engineering, mechanical engineering, metallurgy, or mining, may be offered as a subject of major interest except by a candidate who has already obtained the corresponding engineering degree.

No curriculum for the degree of Master of Arts shall include more than four courses which the candidate offers for a professional degree, or for a certificate given in lieu thereof, in any professional school belonging to the University or affiliated with it.

Each candidate for the degree of Master of Arts must file a formal application for the degree on a blank provided for the purpose, to be had of the Registrar. Before this application is filed with the Registrar the title of the essay, if an essay is required, must have been formally approved by the professor in charge and the courses presented in satisfaction of the residence requirements must also have been approved by the department concerned. If the degree is to be conferred in February, the application must be filed with the Registrar on or before December 1; if in June, on or before March 1; if in October, on or before August 1. The last-named date applies to candidates who shall complete the requirements of residence and attendance in the Summer Session then in progress. Diplomas are issued on the third Tuesday in February, on Commencement day, and on the third Tuesday in October, corresponding, respectively, to the foregoing dates of application.

An essay or the equivalent thereof shall be required of candidates for the degree of Master of Arts by the department of major interest or by the Faculty to which said department belongs and shall be designed to occupy one quarter of the candidate's time for a half-year. If the essay is not required, the candidate arranges with the department for the equivalent of the essay. Such essay shall be submitted to the appropriate department at such time as the department may designate. If the essay is accepted, two typewritten or legibly written copies, together with a certificate of acceptance by the professor in charge, shall be deposited with the Registrar at least two weeks before the candidate expects to receive his degree. These copies must be written on "Paragon Linen," 11 x 8½ inches in size, 20-pound weight, 4½ wove, a space of one and one-half inches on the inner margin being left free from writing. The title page shall contain the words: "Submitted in partial fulfilment of the requirements for the degree of Master of Arts in the Faculty of ———, Columbia University."

With the approval of the appropriate departments the Dean may credit graduate work done at another institution, the courses to which such work is deemed equivalent being entered in the curriculum as "completed elsewhere," but at least five full courses of graduate rank must always be taken at Columbia University. This provision, however, shall not operate to reduce the requirement of one year's residence in this University, but will permit a



student to discharge this requirement by electing outside his curriculum such courses as may be approved by the department in charge.

An undergraduate who at the beginning of any half-year is within twelve points of a Bachelor's degree may be permitted, with the approval of the appropriate Deans, to take one graduate course with a view to counting it for a second degree; if within eight points, two; if within four, three. If such student afterwards matriculates as a candidate for the degree of Master of Arts, the graduate courses previously taken by him under this provision may be entered in his curriculum, without special permission, as "already completed."

On final certification by the Dean that all official regulations have been complied with, a candidate shall be recommended to receive the degree of Master of Arts for the satisfactory completion within a period of five years of an approved curriculum.

**Master of Laws.**—Any student who has been graduated from an approved college or scientific school of collegiate rank, or who has successfully completed three years of undergraduate study in an approved college or scientific school, such course of study including satisfactory courses in Economic and in English and American History, and who has also successfully completed three years of study in an approved law school, and who shall thereafter during one year of residence at Columbia University satisfactorily complete a course of study approved by the Deans of the Faculties of Law and Political Science, shall be entitled to be recommended for the degree of Master of Laws.

## DISTRIBUTION OF GRADUATE REGISTRATION

	Political Science		Philosophy		Pure Science		Total	
	Major	Minor	Major	Minor	Major	Minor	Major	Minor
Biology.....		2		8	80	80	80	90
Chemistry.....		1		3	39	75	75	43
Classical Philology.....		8	41	28			41	36
Education.....		12	556	57		8	556	77
Engineering.....		1			62	1	62	2
Geology and Mineralogy.....				2	28	16	28	18
History, Economics and Public Law	536	258		76		4	536	338
Mathematics and Physical Science..		1		8	87	53	87	62
Mining and Metallurgy.....					7	8	7	8
Modern Languages and Literatures.		6	356	172		1	356	179
Music.....			3			1	3	1
Oriental Languages.....		2	23	17			23	19
Philosophy, Psychology and Anthro- pology.....		18	105	54		4	105	76
Total.....	536	309	1084	425	339	215	1959	949

# SCHOOL OF ARCHITECTURE

Administrative Board (see p. 7)

---

Delegate to the University council (see page 4)

---

The School of Architecture of Columbia University is a professional school for men and women designed to train its graduates for the active practice of architecture. Founded in 1881, under the direction of Professor William R. Ware, as a department of the School of Mines (now the Faculty of Applied Science), it was in 1902 made an independent School. It receives two classes of students: (1) Candidates for the degree of Bachelor of Architecture, who must give evidence of having completed the equivalent of two years of academic study in a recognized college (see page 221); (2) candidates for the Professional Certificate of Proficiency, who must pass entrance examinations (see page 221). The curriculum is identical for the two classes and is of indeterminate duration; in general it may be covered in four years.

*Beginning with the year 1917-1918 the School of Architecture will admit only one class of students, namely, Candidates for the degree of Bachelor of Architecture. Such students must give evidence of having completed the equivalent of two years of academic study in a recognized college.*

**Building and Equipment.** — In 1912, the School of Architecture took possession of its present quarters in Avery Hall, erected in memory of the late Samuel P. Avery, a benefactor of the University, and of his son, the late Henry O. Avery, an architect, to accommodate the Avery Architectural Library and the School of Architecture. Three floors of the building are occupied by the school.

The Avery Architectural Library, the richest collection of works on architecture and the allied arts in the country, occupies the ground floor of the building, and is open to the public daily from 9 A.M. to 6 P.M. and from 7.30 P.M. to 11 P.M. Its material is available at all times for the purposes of study and illustration in the School.

In addition to this the School possesses, in its own departmental library, a collection of about 18,000 photographs and a number of books chiefly the gift of Mr. F. A. Schermerhorn; a classified library of many thousands of prints and plates, and a large number of original drawings from various sources. The equipment of illustrative material furthermore comprises 10,000 lantern slides of architectural subjects, a fine collection of casts of architectural details, including a large number from ancient and modern Roman buildings, the gift of the late Charles F. McKim and several valuable models of buildings and of structural details. A smaller working library of books of constant reference, plates and periodicals is maintained in conjunction with the drafting rooms on the upper floors.

Occasional exhibitions of both student and graduate work are held by the School of Architecture. The current work of students in residence, illustrating progressive accomplishments during four years, is hung in the corridors of Avery Hall, and in the exhibition room on the fifth floor of the building.

Important collections of sculpture, painting, engraving and the minor arts are shown in the Avery Architectural Library and in addition there are frequent bibliographic and educational exhibitions in the University Library and at Teachers College.

The Willard collection of architectural casts and models in the Metropolitan Museum of Art is open every day and two evenings in the week, and is very useful for illustrating the historic styles. Sketching cards granting certain additional privileges in the Museum are issued to students on request.

The other collections of the Metropolitan Museum of Art and those of the American Museum of Natural History furnish much admirable illustrative material; while the building activity of the city forms a chronicle of architectural progress in design and construction, governmental, domestic, monumental, ecclesiastic, and commercial.

**Admission.** — Except by special action of the Committee on Admissions, regular students under eighteen are not admitted. For regulations governing admission for the certificate of proficiency and for the regulations for the course for the Bachelor's degree in Architecture (see below).

In general, all courses in the School of Architecture begin in September and run through the year, although the two terms are separately marked. It is therefore extremely difficult to make adequate arrangements for students who wish to enter in February.

Students desiring to enter with credit for courses pursued in other institutions must make application in writing to the Curator of the School of Architecture in time to reach him one month before the entrance examinations. The general regulations as to documents to be submitted and as to the acceptance of certificates are the same as for the Schools of Mines, Engineering, and Chemistry.

**Fees** (see page 50)

**Fellowships and Scholarships** (see page 280)

**Examinations.** — Regular examinations in each course are held at the end of each half-year. All other examinations, except examinations for admission to advanced standing, are special examinations, for which the statutory fee of \$5 is charged (see page 50). For the dates of the various examinations see the academic calendar. Absence from any regular or delinquent examination for which a student is registered is regarded as a failure. A student who fails to attend any mid-year examination will be excluded from the second term in that subject, except for reasons of weight. Those for whom exceptions are made will be required to take the corresponding deficiency examinations during the stated period beginning on the last Monday in March.

Students who do not pass or are debarred from a regular mid-year or final examination must remove such deficiency at the fall delinquent examinations, failing which they must repeat the course concerned. Students will be debarred from examinations for excessive absence from lectures or failure to complete collateral work. They may for the same reasons be excluded from any course at the middle of any term.

**Materials and Drawings.** — The School will furnish lockers and drafting tables, but it will, under no conditions, furnish boards, paper, mounts or other materials.

All work done in the School, drawings, designs, plates, essays or models, become the property of the School, to be preserved, reproduced, exhibited or returned at its will.

**Bachelor of Architecture.** — Candidates for admission to this course must give evidence of having successfully completed the equivalent of two years of academic studies in a recognized college. Mathematical studies pursued

in anticipation of those prescribed in the School of Architecture may be included in such collegiate preparation, and students are advised to carry these studies if possible through the Calculus. The required collegiate preparation must include the equivalent of the elementary French used for admission to Columbia College. Candidates must also show a practical knowledge of free-hand drawing.

*In the case of studies pursued elsewhere than in a recognized college, and offered by the candidate as an equivalent for any part of the college preparation, the Administrative Board of the School will determine each equivalent upon its merits.*

Through the coöperation of the Staff of the School of Architecture and the Committee on Instruction of Columbia College, a program for a combined course of six years has been arranged. Its object is to enable students in Columbia College to begin the study of architecture early in their college course and to obtain unbroken training in this field until they receive the professional degree. Upon completing the fourth year of this curriculum students receive the degree of Bachelor of Arts and at the end of the whole course, the degree of Bachelor of Architecture. The combined course has decided advantages in soundness of preparation and breadth of culture and it is earnestly commended to young men in preparatory schools who look forward to the study of architecture. Copies of this program may be obtained on application to the Curator of the School or to the Dean of Columbia College.

**Program of Studies.** — A student receives his degree or certificate when he has passed the courses scheduled below.

#### Schedule of Prescribed Courses

	POINTS
Elements of Architecture (A. 1).....	6
Applied Elements (A. 2).....	8
Shades and Shadows (A. 5).....	4
Descriptive Geometry (A. 6).....	6
Perspective (A. 7).....	3
Stereotomy (A. 8).....	2
Plumbing & Draining (A. 11).....	2
Heating & Wiring (A. 12).....	2
Building Materials (A. 15, 16).....	6
Structural Design (A. 17, 18).....	6
History of Architecture (A. 21, 22, 23, 24).....	8
Research (A. 21a, A. 24a).....	6
History of Ornament (A. 31, 32, 33, 34, 35, 36).....	12
Decorative Arts (A. 41, 42).....	4
Principles of Planning (A. 51).....	2
Principles of Composition (A. 52).....	2
Design, Elementary, Intermediate, Advanced and Thesis (A. 61-62, 63-64, 65-66, 67-68).....	64
Drawing (A. 71, 72, 73, 74, 75, 76, 77, 78).....	16
History of Painting (A. 91, 92) or History of Sculpture (A. 93, 94).....	4
Summer Work (A. 72a, or 74a, or 76a).....	2
Mathematics (Math. 1, 8, 9).....	9
Mechanics (Mech. 10).....	3

Certain additional courses under the Faculties of Applied and of Pure Science may also be elected by qualified students.

Students in the School of Architecture who desire to be candidates for the degree of Master of Arts or Doctor of Philosophy are subject to the general provisions stated on page 214.

Graduates of this school and of other schools of architecture maintaining equivalent courses are admitted to the graduate courses in Design and Construction, whether candidates for the higher degrees or not.

The courses in architecture open to candidates for the higher degrees are those numbered above 100 in the Outline of Courses (see pages 61 *et seq.*).

## SCHEDULE OF HOURS AND CLASSES

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9	Math. 1 (213, 214 Hm.) Math. 8 (408) Math. 9 (405) Mech. 10 (405) Drawing, A 75 (502)	Arch. Hist., A 21, 22 (408) Arch. Hist., A 121, 122 (408)	Math. 1 (213, 214 Hm.) Math. 8 (408) Math. 9 (405) Modeling, A 74 (202)	Arch. Hist., A 21, 22 (408) Arch. Hist., A 121, 122 (408)	Math. 1 (213, 214 Hm.) Math. 8 (408) Math. 9 (405) Mech. 10 (405) Modeling, A 74 (202)
10	Arch. Eng., A 17, 18 (405) Arch. Hist., A 23, 24 (408) Arch. Hist., A 1 23, 124 (408) Drawing, A 75 (502)	Drawing, A 71 (502) Hist. of Painting, A 91, 92 (407)	Arch. Hist., A 21, 22 (408) Arch. Hist., A 121, 222 (408) Modeling, A 74 (505) Mod. Orn't. A 33, 34 (407)	Plumbing and Drainage, A 11 (405) Dec. Arts, A 41, 42 (407) Drawing, A 71 (502)	Arch. Eng., A 17, 18 (405) Anc. Orn't., A 31, 32 (407) Modeling, A 74 (202) Arch. Hist., A 23, 24 (408) Arch. Hist., A 1 23, 124 (408)
11	Shades and Shadows, A 5 (408) Desc. Geom., A 5 (408)	Desc. Geom., A 5 (408) Perspective, A 7 (408) Bldg. Mat., A 16, 16 (405) Drawing, A 71 (502)	Shades and Shadows, A 5 (408) Desc. Geom., A 6 (408)	Desc. Geom., A 5 (408) Perspective, A 7 (408) Bldg. Mat., A 16, 16 (405) Mod. Orn't., A 35, 36 (407) Drawing, A 71 (502)	Desc. Geom., A 6 (408) Shades and Shadows, A 5 (408) Heating and Wiring, A 12 (405) Drawing, A 75 (502)
1	Modeling A 74 (202)	Prin. of Planning, A 51 (408) Prin. of Comp., A 52 (408)	Life Drawing, A 76 (T. C.)	Stereotomy, A 8 (408)	Life Drawing, A 76 (T. C.)
2	Drawing, A 72 (502) Drawing, A 73 (502) Modeling A 74 (202)	Elements, A 1 (407)	Shades and Shadows, A 5 (Drft. Rm.) Perspective, A 7 (Drft. Rm.) Life Drawing, A 76 (T. C.)	Elements A 1 (407)	Drawing, A 72 (502) Drawing, A 73 (502) Life Drawing, A 76 (T. C.) Modeling A 74 (201)
3	Drawing, A 72 (502) Drawing, A 73 (502)		Shades and Shadows, A 5 (Drft. Rm.) Perspective, A 7 (Drft. Rm.)		Drawing, A 72 (502) Drawing, A 73 (502)

All hours not otherwise assigned after 1.10 p.m. are devoted to Design (A 61-62, 63-64, 65-66), and to Elements of Architecture (A 1, 2). Courses indicated by odd and even numbers are assigned to first and second terms, respectively. Numbers in parentheses indicate rooms in Avery Hall. Hm. signifies Hamilton Hall.

Students finding conflicts in their schedules should consult the Curator.

# SCHOOL OF JOURNALISM

**Advisory Board** (see page 9)

**Administrative Board** (see page 7)

---

Delegate to the University Council (see page 4)

---

**Aims.** — The aim of the School of Journalism is to train for and attract to the journalistic profession young men of character and ability, and to help those already engaged in the profession to acquire the highest moral and intellectual training. It is the object of the School to make better journalists, who will make better newspapers, which will better serve the public.

**Building.** — The building for the use of the School of Journalism is on the southeast corner of Broadway and 116th Street; the external dimensions are 208 feet 8 inches by 55 feet 10 inches, with a height of five stories and basement. The entrance is on the south front, consisting of three doors grouped under a portico of massive columns, and opening into a spacious vestibule, in which are placed medallions of distinguished journalists, a bust of the late Joseph Pulitzer, and a memorial inscription. The vestibule gives access to the administrative offices and a large lecture hall on the main floor; the library and newspaper reading-room are on the next floor; on the upper floors there are smaller lecture-rooms, class-rooms and studies, numbering about thirty in all, and affording a total seating capacity of about 2,200.

**Admission.** — Candidates for admission to the first year must be at least 17 years of age at entrance, and correspondingly older for advanced standing. A certificate of good moral character must be presented, and, in the case of students from other colleges, of honorable dismissal.

For detailed statement of the requirements, both prescribed and elective, and a description of the ground covered by the examinations (see p. 173).

**Advanced Standing.** — Candidates for admission to advanced standing, upon the basis of certificates of transfer from other colleges, should fill out the appropriate application blank, to be obtained from the Secretary of the University, and file it with the Director of University Admissions before September 1.

**Non-matriculants.** — Non-matriculated students may be admitted to the School at the discretion of the Director, if they submit evidence of maturity, experience in professional writing or marked fitness for it. If they take the work prescribed for the degree of Bachelor of Literature for two years and maintain an average grade of B, they may be admitted to advanced standing in candidacy for the degree. Such students are expected to conform to the same standards of attendance and scholarship as are required of matriculated students. Applications should be made before September 1 to the Director of University Admissions on blanks to be obtained from the Secretary of the University.

**Language Test.** — The ability of students to read a French or German newspaper will be tested on their entrance to professional studies at the beginning of the second year. All students, whether admitted on advanced standing or not, must satisfy this requirement before admission to the B.Lit. degree. In special cases, Spanish or Italian may be substituted with the consent of the Director.

**Registration** (see page 50)

**Fees** (see page 50)

**Scholarships and Prizes** (see page 280)

**Program of Study.** — The Program of Study for the degree of Bachelor of Literature in Journalism consists of 136 points, each point signifying the satisfactory completion of work requiring attendance one hour a week for one half-year. For significance of course numbers see page 61.

Candidates for the degree who wish to specialize in some branch of journalism or to continue particular subjects will be allowed to substitute courses of equivalent credit for any of those given below on submission to the Director of an approved program before May 1. In preparing such a program they will have the assistance and advice of the members of the staff of the School.

Subject to the foregoing regulations, the satisfactory completion of the following courses, together with the language test above mentioned, is required for the B.Lit. degree.

#### First Year

English <b>jA</b> (Freshman Composition).....	6 points
French <b>J1-J2</b> or German <b>J1-J2</b> (Newspaper Reading Course)....	6 "
Journalism <b>1-2</b> , History and Principles of Natural Science.....	6 "
History <b>jA</b> (General Survey).....	6 "
Politics <b>j1-2</b> (Introductory Course).....	6 "
Philosophy <b>J</b> (Introductory Course), or a Language, or a Science..	6 "

18 hours a week 36 points

(In addition to the above, the work in physical education prescribed for College freshmen is required.)

#### Second Year

Journalism <b>A</b> (a practice course in writing).....	6 points
Economics <b>1-2</b> (Introductory Course).....	6 "
English <b>jB1-B2</b> (Survey of English Literature).....	6 "
French <b>J3-J4</b> or German <b>J3-J4</b> .....	6 "
History <b>J1-J2</b> (Recent European History).....	6 "
History <b>J3-J4</b> (Recent American History).....	6 "

18 hours a week 36 points

#### Third Year

Journalism <b>B</b> (continuation of Journalism <b>A</b> ).....	6 points
Journalism <b>31-32</b> , Newspaper Technic (newsgathering and preparation of copy).....	6 "
Journalism <b>33</b> (Statistics).....	3 "
Journalism <b>34</b> (The Modern World) or <sup>1</sup> History <b>56</b> (The Industrial Revolution) .....	3 "
English <b>J35</b> (Shakespeare).....	2 "
Journalism <b>36</b> (Current European Events) .....	2 "
<sup>1</sup> Economics <b>55-56</b> (Labor and Trust Problems).....	6 "
<sup>1</sup> Politics <b>55-56</b> (Party Government in the United States).....	4 "

16 hours a week 32 points

<sup>1</sup> May be taken for graduate credit.



## Fourth Year

Journalism 41-42, Newspaper Technic (special reporting and interviewing) .....	6 points
Journalism 43-44, Newspaper Technic (editing and re-writing)...	6 "
<sup>1</sup> Journalism 131-132, Modern European Literature.....	6 "
Journalism 141-142, History of Journalism .....	6 "
<sup>1</sup> Journalism 143-144, Elements of Law (with special reference to the Law of Libel) .....	4 "
<sup>1</sup> Journalism 145-146 (International Relations).....	4 "

---

 16 hours a week    32 points

**A.B. or B.S. Combined with B.Lit.** — Students who can afford the time are strongly recommended to take the five-year course (A.B. or B.S. combined with B.Lit.). The degree of A.B. or B.S. may be obtained under this arrangement after completing four years' work and the degree of B.Lit. after five.

**Stenography and Typewriting.** — Courses in stenography and typewriting are provided in Extension Teaching and students are advised to acquire both as soon as they can. All professional exercises must be submitted in type-written form after the first half-year of the School Course.

**Admission of Women.** — The first two years of the curriculum are offered for duly qualified women students at Barnard College; the professional courses of the third and fourth years will be given in the School building and will be open to women on the same conditions as to men.

<sup>1</sup> May be taken for graduate credit.

# BARNARD COLLEGE

## FACULTY

President BUTLER  
Dean GILDERSLEEVE  
Provost BREWSTER

Professors BALDWIN, BOTSFORD, BRAUN, CHADDOCK, <sup>2</sup>COLE, CRAMPTON, GERIG, GIDDINGS, HAZEN, HIRST, HOLLINGWORTH, <sup>1</sup>HUBBARD, JACOBY, JONES, KASNER, KNAPP, LOISEAUX, <sup>3</sup>LORD, MCCREA, MALTBY, MONTAGUE, MOORE, (H. L.), <sup>1</sup>MULLER, <sup>3</sup>MUSSEY, MUZZEY, OGILVIE, PERRY, <sup>3</sup>REIMER, RICHARDS, ROBINSON, SHOTWELL, THOMAS (C.), <sup>3</sup>TRENT, VAN HOOK, WEEKS (R.), WHEELER, WEEKS (M. F.)

For other officers who may give instruction to students of Barnard College, consult the several departmental statements.

## Committees

BARNARD REPRESENTATIVES ON THE UNIVERSITY COMMITTEE ON ADMISSIONS: Professor JONES, the DEAN. SUB-COMMITTEE: Professor VAN HOOK, Dr. HUTTMANN, and Dr. HOWARD

ON INSTRUCTION: The PROVOST (*Chairman*), Professors CRAMPTON, MUSSEY, RAYMOND WEEKS, OGILVIE, MUZZEY, COLE and RICHARDS, and the DEAN (*ex-officio*)

ON SCHOLARSHIPS: The DEAN (*Chairman*), Miss DEDERER, and Dr. HUTCHINSON, and the PROVOST (*ex-officio*)

ON HONORS: Professors MALTBY (*Chairman*), and HOLLINGWORTH, Dr. GREGORY, and the DEAN and the PROVOST (*ex-officio*)

ON STUDENT ORGANIZATIONS: The DEAN (*Chairman*), Miss WEEKS, Professors BALDWIN, HUBBARD and HIRST, and the PROVOST (*ex-officio*)

Officers of Administration (see page 5)

---

Delegates to the University Council (see page 4)

---

**General Statement.** — In 1883 the Trustees of Columbia College offered degrees to women who should be able to pass the necessary examinations, without, however, providing instruction for them. The resulting system, called The Collegiate Course for Women, proved unsatisfactory to both parties. Barnard College was therefore organized in 1889 to provide instruction for women which should be identical with or equivalent to that provided by Columbia for men.

For eleven years it duplicated for women as far as possible the curriculum of Columbia College, and also registered for graduate work under the University Faculties women who held the bachelor's degree from institutions of good standing. Its instructors were members of the University staff. Examina-

<sup>1</sup> Absent on leave 1915-1916.  
<sup>2</sup> Absent on leave Spring Session

<sup>3</sup> Absent on leave Winter Session

tions for entrance, those given in course, and those for degrees, were conducted by Columbia University. During the first three undergraduate years separate instruction was given to women; in the senior year they were admitted to certain courses in the University. Graduate students attended many courses at the University under the Faculties of Philosophy, Political Science, and Pure Science, the laboratory work in science being done at Barnard College.

The numerical growth of Barnard College made inappropriate, however, the informal arrangement for instruction which was the natural method at the outset, and it became necessary to recognize formally the status which had gradually come into existence. An agreement was accordingly entered into in January, 1900, by which Barnard was included in the University system. Barnard is now an independent college for women with a corporation and a faculty of its own vested with all the powers commonly belonging to such bodies. At the same time, it shares the library, the instruction, and the degrees of Columbia University.

A more exact idea of the relations between Barnard College and Columbia University and also of the relations between Barnard College and Teachers College is to be found in the current *Announcement of Barnard College*. This may be obtained without charge upon application to the Secretary of Barnard College.

**Admission.** — In addition to the requirements for admission (see page 173), the following has been adopted by Barnard College:

In September, 1915, and thereafter all candidates for admission to the A.B. and B.S. courses at Barnard College, except those who offer the complete elementary requirements in both Latin and Greek, will be required to offer at least three (3) units in modern foreign languages. To meet this requirement a student may offer Elementary and Intermediate French, or Elementary and Intermediate German, or the elementary examinations in any two of the following modern languages: French, German, Italian, Spanish. (For the change in the modern language requirement in college work see page 178.)

**Probation.** — A candidate for admission who has not secured the prescribed 15 units may be admitted to the freshman class with conditions, if in the judgment of the Committee on Admissions she is qualified to undertake the work of the class. General deficiency in any prescribed subject will disqualify for admission. Except for reasons of weight, a student who has failed to complete a course in a good high school or preparatory school will not be admitted with conditions.

A student admitted conditionally or by credentials from another college or from the State Education Department will be held under probation during the first half-year of residence. For a detailed statement regarding the conditions of probation, see the current *Announcement of Barnard College*.

**Advanced Standing.** — See the "Requirements for Admission to Advanced Standing in Columbia College," page 173.

In addition, the credits granted in any subject to a student admitted with advanced standing may be withdrawn or diminished in amount, if, in pursuing such subject after admission to Barnard College, the student proves that the granting of the credits was wholly or in part unwarranted by her previous work.

No student may receive a degree who has resided less than two full half-years at Barnard College.

No applicant will be allowed to enter the senior class as a candidate for a degree after October 15 in any year.

**Special Students.** — Candidates for admission as special students must make application in writing at least one week before the first day of the entrance examinations in September or in January. Proper blanks for this purpose may be obtained from the Secretary.

Special students in Barnard College are of two classes: matriculated and non-matriculated.

Matriculated special students are women who wish, without taking a degree, to make a serious study of some subject or group of subjects. They must pass the regular examinations for admission to the freshman class and have full credit for fifteen (15) units of the entrance requirements. (See page 173.) They may, therefore, in event of a change of plan be credited with such of their courses as may coincide with the courses leading to a degree.

Non-matriculated special students must be women of mature age who wish to pursue chiefly advanced courses of special study. They may be admitted at the discretion of the Committee on Admissions without passing formal entrance examinations; but must furnish proof that they have at some time pursued the studies included in the matriculation examinations and must satisfy the requirements of the department that they desire to enter. Candidates desiring to pursue merely elementary courses, as in languages, etc., will not be admitted as non-matriculated special students. Ordinarily no work done by a non-matriculated special student may count toward a degree.

Information regarding the regulations governing the election of studies, amount of work, attendance, examinations, etc., of special students is contained in the current *Announcement of Barnard College*.

**Matriculation, Registration, Fees.** — Detailed information regarding matriculation, registration, and fees will be found in the current *Announcement of Barnard College*.

#### **Dormitory** (see page 58)

**Program of Studies.** — Upon completion of a curriculum arranged on one of the plans to be described below, the student is recommended by the Faculty of Barnard College for the degree of Bachelor of Arts or Bachelor of Science.

**Bachelor of Arts.** — Unless the equivalents are offered for admission, the following courses are prescribed:

English A and B.....	12 points
History A.....	6 "
Latin A or Greek 5-6.....	6 "
Mathematics A.....	6 "
Modern Languages (see below)	
Philosophy A <sup>1</sup> .....	6 "
Physical Education A and B.....	4 "
Economics A.....	6 "
Chemistry 5-6 or Physics 1-2.....	6 "
Botany, Chemistry, Geology, Physics, Psychology (Experimental), or Zoölogy: two half-year courses in addition to Physics 1-2 or Chemistry 5-6 or any course in science that may have been offered for admission.....	6 "
Major subject.....	18 "
Free electives to complete the total of.....	124 "

<sup>1</sup> Or, on recommendation of the department, Philosophy, 61-62.

No modern language course in college is prescribed for the degrees of Bachelor of Arts and Bachelor of Science. Before being registered as seniors, all students, except those who have offered the complete requirement in Elementary Greek at entrance or who have taken Greek 1-2 and 3 in college, must satisfy the departments of Romance Languages and Germanic Languages that they have a working knowledge of French and German. In special cases, with the consent of the Committee on Instruction, Spanish or Italian may be substituted for French.

As a rule, the departmental test will take the form of an oral examination in translation at sight. It may be taken at any time during the college course and must be taken before May 1 of the junior year.

A student who offers the complete requirement in Elementary Greek at entrance or who takes Greek 1-2 and 3 in college will be obliged to stand the test in only one of the modern languages.

Students whose preparation in a modern language is inadequate for this test should elect, under the advice of the department, special courses that are designed to prepare for this examination.

**Bachelor of Science.** — Unless the equivalents are offered for admission, the following courses are prescribed:

English A and B .....	12 points
History A .....	6 "
Mathematics A .....	6 "
Modern Languages (see above)	
Philosophy A <sup>1</sup> .....	6 "
Physical Education A and B .....	4 "
Grouped work in science amounting to at least .....	70 "
which must include:	

A major subject of at least 28 points in one of the following natural sciences: Astronomy, Botany, Chemistry, Geography, Geology, Mineralogy, Physics, Experimental Psychology, and Zoölogy, or in Mathematics: and

Two minors of at least 12 points each, one in a subject allied to the major and one in a diverse subject, both to be chosen from the foregoing list with the addition of Anthropology, which should, as a rule, be taken only in connection with Botany or Zoölogy as a major.

Free electives to complete the total of..... 124 "

**Two Years' Course.** — This general course, which does not lead to a Barnard degree, is designed to furnish the collegiate foundation for professional work in other schools of the University. It comprises from 62 to 74 points of work. The courses prescribed depend upon whether the candidate intends to transfer to the School of Architecture, School of Practical Arts, or the School of Journalism. Full particulars will be found in the announcements of Barnard College and the professional schools concerned.

**University Courses.** — Certain courses in the School of Architecture and the Department of Music and in Teachers College are open to regular students registered in Barnard College. Certain graduate courses in Columbia Univer-

<sup>1</sup> Or, on recommendation of the department, Philosophy, 61-62.

sity under the Faculties of Political Science, Philosophy, Pure Science and Education, and other courses in the Union Theological Seminary and the New York School of Philanthropy are open to specially qualified Barnard seniors.

After two years of collegiate work in Barnard a student may transfer without examination to the School of Architecture as a candidate for the degree of Bachelor of Architecture, to Teachers College as a candidate for the degree of Bachelor of Science in Practical Arts, or to the School of Journalism as a candidate for the degree of Bachelor of Literature.

Detailed information in regard to these opportunities will be found in the announcements of Barnard College and the other schools concerned.

## TEACHERS COLLEGE

### FACULTY OF EDUCATION

President BUTLER  
Dean RUSSELL  
³ Director MONROE

Professors BAGSTER-COLLINS, BAKER, BIGELOW, BONSER, BRIGGS, ² CAT-TELL, COHN, COOLEY, DEWEY, DODGE, DOW, ¹ FARNSWORTH, ¹ FARRINGTON, GOODSSELL, HILL, HILLEGAS, JOHNSON, KILPATRICK, KINNE, LODGE, MCFARLANE, ¹ McMURRY, MÉRAS, NORSWORTHY, PEARSON, PRETTYMAN, RUGER, SACHS, SMITH (D. E.), STEVENS, STRAYER, ¹ THORNDIKE (E. L.), UPTON (*Secretary*), WOOD, WOODBRIDGE, WOODHULL

### FACULTY OF PRACTICAL ARTS

President BUTLER  
Dean RUSSELL  
Director BIGELOW

Professors ABBOTT (A), ANDREWS, BEMENT, BONSER, BROADHURST, CARPENTER, COOLEY, CORNELL, DOW, FALES, ¹ FARNSWORTH, GIES, GOODRICH, GOODSSELL, GUNTHER, KEYES, KINNE, LATHAM, LUCKE, MCFARLANE, NOYES, NUTTING, ROSE, ² SHERMAN (H. C.), SLEFFEL, UPTON (*Secretary*), VAN ARSDALE, VULTÉ, WARNER, WEICK, WHITLEY, WILLIAMS, WINCHELL, WOOD.

Delegates to the University Council (see page 4)

**General Statement.** — Teachers College, founded in 1888, and chartered by the regents of the University of the State of New York in 1889, became, in 1898, a part of the educational system of Columbia University. The President of Columbia University is President, *ex-officio*, of Teachers College and the College is represented in the University Council by its Dean and representatives elected from its two Faculties. The College meanwhile maintains its separate corporate organization, and its Board of Trustees continues to assume entire financial responsibility for its maintenance. In 1912 the Trustees reorganized the faculty of Teachers College, establishing a Faculty of Education and a Faculty of Practical Arts. By this reorganization Teachers College now consists of two Schools, the School of Education and the School of Practical Arts.

The buildings of Teachers College occupy the block directly north of the University Campus, bounded by 120th and 121st Streets, Amsterdam Avenue, and Broadway.

The Main Building, containing equipment for administration and instruction, and the Bryson Library — the educational library of the University — is adjoined by the Milbank Memorial Building, housing a number of academic and technical departments and containing the Memorial Chapel; by the Macy Manual Arts Building, with its exceptional equipment for work in Fine Arts

¹ Absent on leave 1915-16.

² Absent on leave Winter Session.

³ Absent on leave Spring Session.

and Industrial Arts; and by the Household Arts Building. The Frederick Ferris Thompson Memorial Building for the department of Physical Education connects the Milbank Building on the west with the building of the Horace Mann School. On the east of it is Whittier Hall, the residence for the women students of the College. The building of the Speyer School is a short distance north of the College, on Lawrence Street, near Amsterdam Avenue.

**School of Education.** — The School of Education affords opportunity for the advanced study of educational psychology and sociology, the history and philosophy of education, educational administration, and the various aspects of secondary, elementary, and kindergarten education. It also provides professional training, both theoretical and practical, for teachers of both sexes for secondary, grammar, and primary schools, and kindergartens; and the preparation of advanced students for work as principals, supervisors, and superintendents of schools; as heads of academic or educational departments in normal and teachers' training schools, and of educational departments in colleges and universities. The School of Education is thus a professional school of Columbia University for the study of education and the training of teachers, taking academic rank with the Schools of Law, Medicine, Mines, Engineering, and Chemistry.

**New Requirements.** — Since July 1, 1914, the School of Education has been organized on a graduate basis offering only graduate curricula for advanced students leading to the Teachers College diplomas in teaching and to the degrees of Master of Arts and Doctor of Philosophy with a major subject in education. Such curricula provide work in educational psychology, the history and the philosophy of education, educational sociology, educational administration, secondary education, elementary education, and in research in the methods of teaching the various academic subjects, supplemented by courses in other parts of the University. Teachers College diplomas are awarded to those who demonstrate professional fitness as instructors in Education in colleges and universities, as supervisors, principals, and superintendents of schools of all grades, as heads of academic or education departments in normal and teachers' training schools, and as teachers in secondary schools. Courses in education may also be counted as minor subjects toward the advanced degrees, by students primarily registered in some other part of the University.

The Horace Mann Schools and the Speyer School, maintained by Teachers College as schools of observation and experiment, include kindergarten, elementary, and secondary classes and neighborhood work, and offer exceptional advantages for the study of the practical work of teaching and for the investigation of educational problems. These schools have now an attendance of some thirteen hundred pupils.

**School of Practical Arts.** — The School of Practical Arts was established to provide in the University system a new type of collegiate education, uniting liberal with technical training, and to prepare special teachers of such technical subjects as household arts, industrial arts, fine arts, music, physical education, and nursing.

The School offers to both men and women, who have completed a secondary school course, a program of study four years in length, equivalent in standards of admission and graduation to the traditional college course in letters and science. It includes in its program general cultural subjects, by which any particular curriculum may be enriched and extended, and offers,



therewith, a broad and generous technical training, based on adequate instruction in science or the arts by which the student may receive a high type of vocational preparation in the varied fields falling within the scope of the School — in industrial arts, household arts, dietetics, institutional work, public health, fine arts, the art industries, music, and physical training.

The School of Practical Arts is organized as a School of full University grade, parallel to the Colleges of the University; it enjoys all the privileges of University membership, and its graduates receive the credentials of the University.

**Admission.** — Students holding a diploma of graduation from an approved high or secondary school are admitted to the School of Practical Arts on certificate from the principal, provided the high-school course has covered four years' work and has included certain fundamental courses in English, history or foreign languages, and mathematics or science.<sup>1</sup> Application for admission should be made as far in advance of the desired time of entrance as is practicable, and must include statements from responsible persons that the candidate possesses the qualities of health, character, scholarship, and serious purpose required for successful work in the School of Practical Arts. The application should be made on a blank form which will be sent on request. Candidates, similarly vouched for, may also be admitted on examination of the College Entrance Examination Board or the University Committee on Admissions of Columbia University, or on credentials from the Department of Education of the State of New York.

The School reserves the right to restrict admission to the freshman year to the number of one hundred and fifty, and to select these according to merit.

Advanced standing may be granted to students who have completed, in a college, technical school, normal school or training school, courses in advance of high-school graduation. An application for admission to advanced standing should be made on a blank form which will be sent on request. For further information in reference to the requirements for admission see page 173.

**Program.** — The courses of study leading to the bachelor's degree occupy four years of work (124 points), for which the usual secondary school education is a required preparation. During the four years of study, approximately one-third of the student's time must be spent in general academic subjects (45 points), approximately one-third in technical subjects and technical training (45 points); the remainder (except for four required points in hygiene and physical training) of the 124 points needed for the degree must be distributed, according to the needs of the student, in either the general or the technical field. The program of study thus requires of all students a certain amount of fundamental general training in academic studies, but allows a freedom of election beyond the minimum requirements; it offers freedom of election in the choice of a group of studies of major interest, but requires systematic and progressive study in the group elected. A two-year professional curriculum leading to the degree of Bachelor of Science in Education and preparing for teaching the Practical Arts is also offered to students who enter with two years of professional, technical, or collegiate training beyond high school. For detailed information, see the *Current Announcement of the School of Practical Arts*, which may be had from the Secretary of the University.

**Degree and Certificates.** — The successful completion of the four years' course of study is recognized by the conferring by Columbia University of the

<sup>1</sup> All candidates for admission are required to offer 15 units, to include: English, 3 units; mathematics or science, 2 units; foreign languages or history, 2 units; electives, 8 units.

degree of Bachelor of Science in Practical Arts or Bachelor of Science in Education.

Matriculated students who may be admitted to pursue a more limited course of vocational training, of at least two years, may receive a Departmental Certificate from the School.

Graduate students in the field of practical arts are received into the various departments of Teachers College as candidates for the degree of Master of Arts or Doctor of Philosophy.

**Scholarships, Prizes, and Honors** (see page 280)

# COLLEGE OF PHARMACY

## FACULTY

President BUTLER

Dean RUSBY

Professors ARNY, BASTEDO, CHANDLER, COBLENTZ, <sup>1</sup>CURTIS, DIECKMAN  
ELLIOTT, GIES, JESSUP, MANSFIELD, OEHLER, PACE, WIMMER

## Other Officers of Instruction

FREDERICK A. LESLIE, Ph.D., *Instructor in Analytical Chemistry*;  
CHARLES W. BALLARD, A.M., Ph.Ch., Ph.D., *Instructor in Materia Medica*;  
JEANNOT HOSTMANN, Ph.G., *Instructor in Chemistry*; LEWIS N. BROWN, Ph.G.,  
Ph.Ch., Ph.D., *Instructor in Pharmacy*; MISS FANNIE HART, Ph.G., *Assistant in Materia Medica*; SAMUEL KATZ, Ph.G., *Assistant in Analytical Chemistry*; SYLVIO FASANO, Ph.G., *Assistant in Pharmacy*

Delegates to the University Council (see page 4)

**General Statement.** — The College of Pharmacy of the City of New York, founded in 1829, chartered in 1831, and recognized in 1879 by the Regents as part of the University of the State of New York, became a member of the educational system of Columbia University on July 1, 1904. The President of the University is *ex-officio* President of the College of Pharmacy, and the College is represented in the University Council by its Dean, who is appointed by the Trustees of the College of Pharmacy on the nomination of the President. The College, however, maintains its separate corporate organization, and its Trustees continue to provide for its financial support.

The College is situated at 115 West 68th Street, near Columbus Avenue, in an especially well-equipped building erected in 1894.

The College of Pharmacy is thus the professional school of Columbia University for Pharmacists, Pharmaceutical Chemists, Bachelors of Science in Pharmacy and Doctors of Pharmacy and, as well, a valuable addition to the University's resources for teaching and research in botany, chemistry, and materia medica.

**Admission.** — Candidates for admission will be examined either at the Regents' examination, or at the January and September entrance examinations of Columbia University, or of the College Entrance Examination Board, held in June of each year (see page 173).

**College Course.** — The College Course of two years, leading to the degree of Graduate in Pharmacy is open only to persons holding the Qualifying Certificate for a Pharmacy Student, granted by the State Education Department for 15 Regents' counts or their equivalent.

**University Course.** — The University Course of three years, leading to the degree of Pharmaceutical Chemist is open only to persons who have completed a four-year course in a registered high school or who have passed the Entrance Examinations of Columbia University or of the College Entrance Examination Board.

<sup>1</sup> Absent on leave Spring Session

**Graduate Course.** — The Graduate Course, leading in one year to the degree of Bachelor of Science in Pharmacy and in three years to the degree of Doctor of Pharmacy, is open to pharmaceutical chemists of this or other schools of equal grade or those holding equivalent degrees.

**Food and Drug Course.** — The Food and Drug Course is open to all graduates of this College, and to others whose training has qualified them to perform the necessary work.

**Program of Study.** — 1. A College Course, consisting of a junior and senior year, leading to the degree of Graduate in Pharmacy, conferred by the College independently of the University, and qualifying the graduate to meet any examination for the position of licensed pharmacist.

The work undertaken is as follows: Junior year: physics, general and pharmaceutical chemistry, analytical chemistry, practical pharmacy, dispensing pharmacy, botany, pharmacognosy, physiology, toxicology, and pharmaceutical accounting. Senior year: organic chemistry, inorganic and organic pharmaceutical chemistry and analytical chemistry, practical pharmacy, dispensing pharmacy, materia medica, toxicology, macroscopical pharmacognosy, microscopical pharmacognosy.

2. A University Course of three years leading to the degree of Pharmaceutical Chemist, conferred by the University. The work undertaken in this course differs from that of the College Course in being of a somewhat more advanced character, and in being pursued through the full academic year. It includes instruction in general biology and a laboratory course in physics, in addition to the studies of the College Course.

3. A third or Graduate Course leading to the degrees of Bachelor of Science in Pharmacy and Doctor of Pharmacy.

Beginning with the session of 1915-1916, the Graduate course of this College, leading to the degrees of Bachelor of Science in Pharmacy, and Doctor of Pharmacy, have been based on the degree of Pharmaceutical Chemist or an equivalent degree, conferred for at least three years' work of not less than 600 hours each, following high school graduation.

The work of the Graduate Course, occupying three days weekly, covers three years of not less than 600 hours each. At the end of the first year successful candidates will receive the degree of Bachelor of Science in Pharmacy, and at the end of the course that of Doctor of Pharmacy.

The purpose of this course is the training of men and women for the higher duties of pharmaceutical and allied service, such as pharmaceutical and commercial analysis, food and drug inspection and commissionship, health board

This baccalaureate degree, secured on equal terms with that conferred in other professions, confers equal privileges therewith, except as to the number of units of work performed. A holder of this degree desiring to transfer his activities to another profession, or to study for a higher degree, will be credited in such course with the number of units pertaining to his Bachelor of Science in Pharmacy Course, and his standing, up to this point, is the same as that secured in other baccalaureate departments.

4. A course of one year in the microscopical and chemical analysis of food and drugs. A Summer Preparatory Course of twelve weeks is provided for those who, for any reason, require training in special subjects as a preparation for the Food and Drug Course.

Evening courses of instruction are offered for the benefit of special students, and for any of our regular students who for any reason may desire the instruction. These courses cannot, at least for the present, take the place of any

instruction of the regular course, leading to any of our degrees. Certificates will be awarded to those who successfully pursue these evening courses.

6. A number of special courses of instruction have also been established partly for the benefit of those regular students who desire, for any reason, to specialize in certain lines of work, and partly to provide instruction in individual departments for those who do not desire to take the full course. Certificates, but not diplomas, are awarded to such students. These special courses of instruction are in pharmacognosy, chemical analysis, advanced inorganic and organic chemistry, and practical pharmacy.

**Method.** — During the junior and senior years the instruction occupies three days of the week, the alternate days being free for practical experience in the pharmacy. This arrangement provides a means of paying the expenses of a majority of students.

Many students, under the advice of the Faculty, prefer to devote the entire time of the second year to college work. For those so desiring, additional instruction is provided.

In addition to lectures and laboratory work a series of recitations or quizzes, by a corps of qualified instructors, is given to the classes, in small sections.

**Prizes** (see page 291)

AGGREGATE ATTENDANCE IN ALL COURSES, 1914-1915 (EXCLUDING BARNARD COLLEGE, TEACHERS COLLEGE AND COLLEGE OF PHARMACY)

1914-1915	No. of Half-Year Courses	No. of Registrations	Percentage of Total Enrollment
DEPARTMENTS:			
Agriculture.....	6	30	.070
Anatomy (including Histology).....	17	831	1.974
Anthropology.....	20	86	.297
Architecture.....	52	1287	2.960
Astronomy.....	3	142	.326
Bacteriology.....	10	154	.354
Biological Chemistry.....	23	200	.460
Botany.....	32	211	.485
Chemistry.....	99	2058	4.897
Civil Engineering.....	46	1187	2.930
Classical Philology.....			
Classical Civilization.....	2	25	.057
Greek.....	30	132	.303
Latin.....	40	513	1.180
Dermatology.....	11	243	.558
Diseases of Children.....	16	707	1.726
Economics.....	40	1398	3.415
Education.....	101	344	.791
Electrical Engineering.....	38	1001	2.502
Engineering Drafting.....	7	339	.780
English.....	87	3022	6.950
Comparative Literature.....	22	260	.600
Fine Arts.....	12	38	.087
Genito-Urinary and Venereal Diseases.....	4	169	.388
Geology.....	41	510	1.273
Germanic Languages and Literature.....	71	1216	2.896
Gynecology.....	16	493	1.333
Highway Engineering.....	12	211	.485
History and Political Philosophy.....	109	2380	5.574
Hygiene and Preventive Medicine.....	4	146	.335
Journalism.....	21	689	1.684
Laryngology.....	6	157	.361
Mathematics.....	42	1297	2.983
Mechanical Engineering.....	56	1692	3.991
Metallurgy.....	26	615	1.614
Mineralogy.....	17	235	.540
Mining.....	19	353	.811
Municipal and Private Law.....	32	3618	8.321
Music.....	25	319	.733
Neurology.....	13	581	1.436
Obstetrics.....	6	335	.770
Ophthalmology.....	4	142	.326
Oriental Languages			
Chinese.....	8	20	.046
Indo-Iranian Languages.....	22	44	.101
Semitic Languages.....	25	66	.179

1915-15	No. of Half-Year Courses	No. of Registrations	Percentage Total Enrollment
<b>DEPARTMENTS:</b>			
Orthopedic Surgery.....	6	121	.278
Otology.....	4	148	.340
Pathology.....	20	424	.975
Pharmacology, Materia Medica and Therapeutics.....	17	680	1.564
Philosophy.....	44	1562	3.592
Physical Education.....	4	1400	3.220
Physics.....	30	879	2.021
Mathematical Physics (Mechanics).....	22	369	.848
Physiology.....	13	234	.538
Politics and Government.....	22	716	1.646
Practice of Medicine.....	33	1339	3.079
Public Law.....	26	621	1.428
Psychology.....	37	518	1.191
Religion.....	4	69	.158
Roman Law and Jurisprudence.....	5	237	.545
Romance Languages and Literature			
Celtic.....	1	2	.004
French.....	43	820	1.886
Italian.....	13	60	.138
Romance Philology.....	12	86	.197
Spanish.....	8	178	.409
Russian.....	2	7	.016
Shopwork.....	10	372	.855
Social Economy.....	14	285	.655
Sociology.....	17	459	1.055
Speech.....	3	5	.011
Surgery.....	33	1220	2.806
Zoölogy.....	29	332	.763
Total.....	1765	42,639	100.000

## RESIDENCE OF STUDENTS, 1914-1915

1914-15	College	Law	Medicine	App. Science	Architecture	Journalism	Pol. Science	Philosophy	Pure Science	Barnard Col.	T'chrs' Col.	Col. of Phar.	Duplicates	Net Total
<b>UNITED STATES:</b>														
North Atlantic Division . . . .	1054	350	302	416	72	96	372	8655	251	683	1407	491	455	5904
(80.51 per cent.)														
Connecticut . . . . .	13	10	12	5	2	5	4	22	4	8	42	7	9	125
Maine . . . . .				1		2	3	13	1		9	7	7	29
Massachusetts . . . . .	7	13	5	5	1	9	14	34	11	7	71	3	30	150
New Hampshire . . . . .	2						1	6			17		3	23
New Jersey . . . . .	114	34	32	45	1	21	47	112	26	76	279	31	66	752
New York . . . . .	898	273	243	353	66	55	275	614	191	580	853	437	299	4539
Pennsylvania . . . . .	17	16	9	6	2	4	25	52	14	10	120	5	33	247
Rhode Island . . . . .	2	2	1					1	2	2	5		1	16
Vermont . . . . .	1	2		1		1	11	2			11	1	7	23
South Atlantic Division . . . .	11	21	18	12	6	11	23	45	9	16	91	1	24	240
(3.27 per cent.)														
Delaware . . . . .		1				1		1	1					4
District of Columbia . . . . .	2	2		3	1	1	3	1	2		3		1	17
Florida . . . . .	1	2		2	1		2	1	1					13
Georgia . . . . .		6	10			1	2	5	1	3	9		3	34
Maryland . . . . .	1	2		4		2	2	6	3	23		1	5	39
North Carolina . . . . .	1	5	1	1	1	1	5	4		3	11		3	30
South Carolina . . . . .	3	1	2	1			1	7	1		16		2	30
Virginia . . . . .	2	2	4	1	3	3	6	18	3	5	22		8	61
West Virginia . . . . .	1		1			2	2	2	1	1			2	12
South Central Division . . . .	4	23	9	9	4	4	16	44	9	5	65	1	23	170
(2.32 per cent.)														
Alabama . . . . .	1	4	1	1				5	1	2	7		2	20
Arkansas . . . . .		4			1	1	1	5	1		3			14
Kentucky . . . . .	1	2	1	3	1	2	3	7	1	1	11		7	25
Louisiana . . . . .		2					1	2	1		7			11
Mississippi . . . . .				1		1	2	7		1	4	1	2	15
Oklahoma . . . . .		2	2				1	3	1		5		1	13
Tennessee . . . . .	1	6	3				4	10	3	1	13		4	37
Texas . . . . .	1	3	2	4	2		4	5	2		15		3	35
North Central Division . . . .	13	38	23	13	17	25	62	161	34	18	302	1	104	603
(8.22 per cent.)														
Illinois . . . . .	3	4	6	1	2	4	5	16	6		36		9	47
Indiana . . . . .	1	5	2	3	1	4	6	17	5		29		11	62
Iowa . . . . .	1	7	3		2		10	6	6	1	13		4	45
Kansas . . . . .		3				3	4	14	2		20		12	34
Michigan . . . . .	1	1	2	3		4	3	15	5	1	40		10	65
Minnesota . . . . .		2	2			2	5	13	2		33		8	51
Missouri . . . . .	2		3			2	5	26	1	3	36	1	17	64
Nebraska . . . . .	1	1	1	1	2	2	1	9	3	4	11		8	28
North Dakota . . . . .		2		2	1			1			5			12
Ohio . . . . .	3	10	2	3	7	3	20	39	5	6	57		21	134
South Dakota . . . . .	1							2	1		3		2	5
Wisconsin . . . . .		3	2			1	3	3			19		2	29
Western Division . . . . .	5	14	15	11	5	5	21	34	10	4	79		21	182
(2.48 per cent.)														
Arizona . . . . .							1							1
California . . . . .	4	2		2	3	1	10	14	1	1	39		10	67
Colorado . . . . .	1	2	6	3			1	4	3	2	10		4	28
Idaho . . . . .			2				1	1			1		1	4
Montana . . . . .		2			1	1	2				1			7
Nevada . . . . .				1										1
New Mexico . . . . .			1			1		1		1	4			8
Oregon . . . . .		2	2				1	1			6		1	11
Utah . . . . .		4	3	1				4	3		5		1	19
Washington . . . . .			1	3	1	1	7	8	2		13		4	32
Wyoming . . . . .		2						1	1					4
Insular and Non-Contiguous Territories . . . . .	4	2	2	1							4			13
(0.177 per cent.)														
Alaska . . . . .				1										1
Hawaiian Islands . . . . .		1									2			3
Philippine Islands . . . . .	1	1	2											4
Porto Rico . . . . .	3										2			5
Totals . . . . .	1091	448	369	462	104	141	494	1149	313	726	1948	494	627	7112
New York City . . . . .	736	211	222	280	51	49	218	512	169	493	513	363	204	3613



1914-1915	College	Law	Medicine	Applied Science	Architecture	Journalism	Political Science	Philosophy	Pure Science	Barnard College	Teachers' College	College of Pharmacy	Duplicate	Net Total
<b>FOREIGN COUNTRIES:</b>														
Argentina.....				1				1						1
Australia.....								1	1					2
Belgium.....				1	1									2
Brazil.....				1										2
Canada.....	13	1	2	2	2	2	11	5	3	2	16		2	43
China.....				2			18	11	17		12		8	68
Columbia.....				1			1							2
Costa Rica.....				2										2
Cuba.....	1	1		2	2		1				1			8
France.....	1							1						2
Denmark.....								2						3
Germany.....	1						1	1						3
Finland.....								1			1			2
Great Britain and Ireland....	2			1				3			2		1	2
Greece.....								1			2		1	7
India.....	4						2	2	1		5		2	12
Italy.....		1			1									2
Japan.....	1	1			1		11	4	1		1			20
New Zealand.....											1			2
Korea.....								1			1		1	1
Mexico.....											2			2
Nicaragua.....												1		1
Norway.....														
Panama.....		1						2			3		2	4
Peru.....				1			1		1					3
Persia.....								1						1
Rumania.....				1										1
Russia.....	2			1	1									4
Siam.....											2			2
South Africa.....				1				3			3		3	4
Sweden.....														
Switzerland.....											1			1
Syria.....			1					1			1			3
Turkey.....			2	2			1	5			5		4	11
Turkey in Asia.....														
West Indies.....								1						1
Total (3.02 per cent.).....	25	5	5	19	8	2	47	47	24	4	59	1	24	222
Grand Total.....	1116	453	374	481	112	143	541	1196	337	730	2007	495	651	7334

REGISTRATION AT COLUMBIA UNIVERSITY IN ALL FACULTIES, DURING  
THE ACADEMIC YEAR 1914-1915

FACULTIES	First Year	Second Year	Third Year	Fourth Year	Non-candidates	Graduates	Total, 1914-15
Columbia College <sup>1</sup> .....	510	242	169	149	46		6111
Barnard College.....	240	191	110	120	69		730
Total undergraduates.....	750	433	279	269	115		1846
Faculty of Political Science.....					63	478	541
Faculty of Philosophy.....					107	1089	1196
Faculty of Pure Science.....					29	308	337
Total non-professional graduate students <sup>2</sup> ..							2074
Faculty of Applied Science <sup>3</sup> .....		166	129	139	47		481
Faculty of Law <sup>3</sup> .....	151	124	136		42		453
Faculty of Medicine <sup>3</sup> .....	107	75	71	86	35		374
School of Journalism <sup>3</sup> .....	42	28	41	21	11		143
Faculty of Pharmacy.....	285	187			18	5	495
Teachers College { School of Education.....			63	173	248	466	950
Teachers College { School of Practical Arts. .	187	104	312	217	155	82	1057
School of Architecture <sup>3</sup> .....		100			12		112
Total professional students.....							4065
Deduct double registration <sup>4</sup> .....							651
Net total.....							7334
Summer Session, 1914.....							5590
Grand total.....							12924
Deduct double registration <sup>5</sup> .....							1048
Grand net total.....							11876
Students in extension teaching (net) <sup>6</sup> .....							3305
Special students in Teachers College <sup>7</sup> .....							1833

<sup>1</sup> The registration by years in Columbia College is according to the technical classification, deficient students being required to register with a class lower than that to which they would normally belong.

<sup>2</sup> The total 2074, does not include 91 college graduates, in Law (62), Medicine (3), Applied Science (21), Architecture (2), and Journalism (3), who are also candidates for the degree of A.M. or Ph.D. It likewise does not include 868 candidates for the higher degrees enrolled in the Summer Session who did not return in either of the succeeding half-years. For classification by faculties see Table IV.

<sup>3</sup> Exclusive of college students also registered under the professional faculties (in the exercise of a professional option), as follows: 8 Seniors in the Schools of Mines, Engineering, and Chemistry (Faculty of Applied Science); 29 Seniors in the School of Law; 27 Juniors and 17 Seniors in the School of Medicine; 4 Seniors in Teachers College; 2 Juniors and 3 Seniors in the School of Architecture; 1 Senior in the School of Journalism.

<sup>4</sup> Of the total, 612 are Teachers College students, 548 enrolled in the Faculty of Philosophy as candidates for the higher degrees (287 men and 261 women) and 64 special non-candidates (22 men and 42 women); 19 are Columbia College students who graduated in February and subsequently enrolled in some other school of the University, and 20 are students who transferred during the year from one school of the University to another.

<sup>5</sup> Summer Session students who returned for work at the University.

<sup>6</sup> Attendance at the University (excluding 761 matriculated students and 187 students also registered in the Summer Session) 2463; attending away from the University, 842.

<sup>7</sup> In the School of Education 75 and in the School of Practical Arts 1758.

## SUMMER SESSION

**General Statement.** — The sixteenth Summer Session of the University opened July 6, 1915, and closed August 13. The registration days for the Summer Session were July 2, 3, and 5. Examinations were held on August 13.

Courses were offered to men and women on equal terms in agriculture, anthropology, architecture, assaying, astronomy, biology, bookkeeping, and accounting, botany, chemistry, comparative philology, commercial arithmetic, classical archæology, corporation finance, folk Latin, domestic art, domestic science, economics, education, elocution, engineering, English, fine arts, freehand drawing, French, geography, geology, German, German for medical students, Greek, history, history of religion, household arts, industrial arts, Italian, kindergarten, Latin, law, library economy, manual training, mathematics, mechanical drawing, mechanics, medicine, metallurgy, mineralogy, music, philosophy, physical education, physical geography, physics, physiology, politics and public law, psychology, public speaking, religion, Romance languages, Russian, social science, Spanish, stenography and typewriting, and zoölogy.

Evening courses were also offered in the following subjects: bookkeeping, commercial arithmetic, economics, English, French, German, mathematics, mineralogy, Portuguese, Spanish, stenography and typewriting.

Each course consisted of thirty-one lectures or other exercises, or their equivalent in laboratory or field work. Credit for such courses in the Summer Session as are accepted by the several Faculties of the University in partial fulfilment of the requirements for degrees, or for diplomas in teaching, is given upon the satisfactory completion of the course, including the final examination.

### Fees (see page 51)

The tuition fee for the Summer Session is estimated on the basis of \$6 per point. Each student is required to register for a program of at least four points. In addition to this fee the student is charged a University fee of \$5, so that the minimum tuition for attendance at the Summer Session is \$29.

For the current *Announcement* of the Summer Session which will open July 10 and offer a wide range of courses, or for information regarding dormitory accommodations, or board and lodging, address the Secretary of Columbia University, New York.

**Registration 1915.** — Copies of the separately printed *Directory of the Summer Session, 1915*, may be had upon the payment of twenty-five cents, plus postage. Application should be made to the Secretary of the University. In this catalogue, at the close of the Register of Students under each Faculty, will be found a list of the Summer Session students of 1915 who matriculated under that Faculty, but who did not return to register in September.

## SUMMER SESSION STUDENTS

I. Non-matriculated.....	3407	57.15%
II. Matriculated :		
1. Columbia College.....	271	
2. Barnard College.....	81	
3. Mines, Engineering and Chemistry.....	83	
4. Law.....	67	
5. Medicine.....	38	
6. Architecture.....	26	
7. Political Science.....	181	
8. Philosophy.....	978	
9. Pure Science.....	161	
10. Teachers College.....	651	
11. Journalism.....	17	2554
	5961	42.85%
		100.00%

## SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO RESIDENCE

Classification	Numbers	Number Totals	Per- cent- ages	Percentage Totals
<b>NORTH ATLANTIC DIVISION:</b>				
Connecticut.....	148			
Maine.....	52			
Massachusetts.....	184			
New Hampshire.....	25			
New Jersey.....	447			
New York				
Outside of N. Y. City.....	645			
Manhattan and the				
Bronx.....	1410			
Brooklyn.....	332			
Queens.....	81			
Richmond.....	12			
	1835	2480		
Pennsylvania.....	432			
Rhode Island.....	32			
Vermont.....	24			
		3824		64.14
<b>SOUTH ATLANTIC DIVISION:</b>				
Delaware.....	12			
District of Columbia.....	55			
Florida.....	34			
Georgia.....	94			
Maryland.....	127			
North Carolina.....	84			
South Carolina.....	69			
Virginia.....	157			
West Virginia.....	45			
		677		11.35
<b>SOUTH CENTRAL DIVISION:</b>				
Alabama.....	45			
Arkansas.....	11			
Kentucky.....	53			
Louisiana.....	23			
Mississippi.....	15			
Oklahoma.....	23			
Tennessee.....	54			
Texas.....	94			
		318		5.33

Classification	Numbers	Number Totals	Percent-ages	Percentage Totals
<b>NORTH CENTRAL DIVISION:</b>				
Illinois.....	102			
Indiana.....	94			
Iowa.....	62			
Kansas.....	40			
Michigan.....	114			
Minnesota.....	78			
Missouri.....	56			
Nebraska.....	24			
North Dakota.....	4			
Ohio.....	288			
South Dakota.....	10			
Wisconsin.....	57			
		929		15.58
<b>WESTERN DIVISION:</b>				
Arizona.....	4			
California.....	33			
Colorado.....	17			
Idaho.....	5			
Montana.....	6			
Nevada.....	1			
Oregon.....	13			
Utah.....	7			
Washington.....	11			
		97		1.64
<b>INSULAR AND NON-CONTIGUOUS TERRITORIES:</b>				
Hawaiian Islands.....	1			
Philippine Islands.....	1			
Porto Rico.....	3			
		5		.09
<b>FOREIGN COUNTRIES:</b>				
Argentina.....	1			
Bermuda.....	1			
Canada.....	44			
China.....	27			
Cuba.....	6			
Denmark.....	1			
Dominican Republic.....	1			
France.....	1			
Germany.....	4			
Honduras.....	1			
India.....	2			
Japan.....	6			
Korea.....	1			
Mexico.....	2			
Nicaragua.....	3			
Panama, Central America.....	2			
Russia.....	1			
Switzerland.....	1			
South Africa.....	3			
Syria.....	1			
Turkey.....	2			
		111		1.87
		5961		100.00

## SUMMER SESSION STUDENTS CLASSIFIED ACCORDING TO ATTENDANCE ON COURSES

SUBJECTS	No. of Courses	No. of Registrations	Percentage of Total Enrollment
Accounting.....	3	49	.31
Agriculture.....	5	22	.14
Anthropology.....	4	23	.15
Architecture.....	14	69	.44
Astronomy.....	2	18	.11
Biblical Literature.....	5	32	.20
Biology.....	4	41	.26
Botany.....	7	57	.36
Chemistry.....	26	387	2.47
CLASSICAL PHILOLOGY:			
Comparative Philology.....	2	4	.03
Greek.....	3	16	.10
Latin.....	14	231	1.47
COMMERCIAL SUBJECTS:			
Commercial Arithmetic.....	2	18	.11
Commercial Administration.....	2	16	.10
Commercial Law.....	2	36	.23
Penmanship.....	1	24	.15
Economics.....	13	293	1.87
Education.....	112	5790	36.90
Engineering — Electrical.....	4	53	.34
English.....	28	1057	6.74
Fine Arts.....	17	410	2.61
Geography.....	4	67	.43
Geology.....	4	33	.21
German.....	23	412	2.63
History.....	25	466	2.97
Household Arts.....	51	1541	9.82
Industrial Arts.....	26	426	2.71
INTERNATIONAL LAW AND DIPLOMACY:			
Public Law.....	4	39	.25
Kindergarten.....	2	95	.61
Law.....	15	263	1.68
Library Economy.....	3	40	.25
Mathematics.....	16	550	3.50
Mechanical Drawing.....	6	31	.20
Medicine <sup>1</sup> .....	10	95	.61
Metallurgy.....	3	5	.03
Mineralogy.....	5	13	.08
Music.....	11	157	1.00
Nature-Study.....	1	19	.12
Philosophy.....	8	131	.83
Philosophy and Religion.....	6	41	.26
Physical Education.....	31	924	5.86
Physics and Mechanics.....	18	260	1.66
Physiology.....	5	95	.60
Politics.....	4	79	.50
Psychology.....	8	225	1.43

<sup>1</sup> 13 courses offered, but no registration in 3.

SUBJECTS	Number of Courses	No. of Registrations	Percentage of Total Enrollment
ROMANCE LANGUAGES:			
French.....	16	347	2.21
Italian.....	3	36	.23
Portuguese.....	2	4	.03
Spanish.....	7	148	.94
Romance Philology.....	1	8	.05
Slavonic.....	2	4	.03
SOCIAL SCIENCE:			
Sociology.....	3	90	.57
Social Economy.....	5	89	.57
Speech.....	2	81	.52
Stenography and Typewriting.....	9	185	1.18
Zoölogy.....	2	48	.31
Totals.....	611	15,693	100.00

## EXTENSION TEACHING

**General Statement.** — The statutes of the University define Extension Teaching as instruction given by University officers and under the administrative supervision and control of the University, either away from the University buildings or at the University, for the benefit of students unable to attend the regular courses of instruction.

**Students.** — Courses in Extension Teaching are planned for two classes of students: (1) men and women who can give only a portion of their time to study and who desire to pursue subjects included in a liberal education of the character and grade of a college or professional school, but without any reference to an academic degree; (2) those who look forward to qualifying themselves to obtain in the future academic recognition, involving acceptance of the work which they may satisfactorily complete in Extension Teaching.

Students who are duly admitted to Extension courses but are not candidates for a degree or diploma are termed non-matriculated students. Students who have completed the requirements for admission and have been formally admitted by or in behalf of the Faculty concerned as candidates for a degree or diploma are termed matriculated students.

**Courses of Instruction.** — Under the direction of the University Council courses are offered in Extension Teaching which count toward the degree of Master of Arts.

Regular courses of instruction are offered in Extension Teaching which, in many instances, are coördinated so as to form at least the first years of collegiate and professional work, thus providing in the evening at Morningside Heights, and elsewhere, courses in subjects which are generally offered in the Freshman, Sophomore and Junior years of college, so that students may qualify themselves for admission with advanced standing to Columbia College and Barnard College or other institutions as candidates for the degrees of Bachelor of Arts and Bachelor of Science.

There are also offered at Morningside Heights in the evening subjects which are required of students in the Schools of Mines, Engineering and Chemistry, so that a student may pursue some special line of scientific study or prepare himself for advanced study in these schools. Courses in these schools are open only to those who have had a preliminary course of three years in Columbia College or the equivalent. This preliminary collegiate course may be taken in part or in full in Extension Teaching in the evening by students engaged in business during the day.

Evening courses are offered in architecture at Morningside Heights which correspond to the courses of the Columbia University School of Architecture.

Day and evening courses in commerce, accounts, and finance, forming a three-year course leading to a certificate in commerce and preparing for the State examination for the certificate of Certified Public Accountant, are given at Morningside Heights.

A series of courses intended to equip students for the position of secretary is also offered. The completion of these courses require three years for high school graduates and at least one year for college graduates.

Many courses are offered which aid a student to prepare for the Schools of Law, Medicine and Journalism or to complete his preparation for Columbia College.



A two-year course in practical optics is offered in coöperation with the Department of Physics for the special training of those who expect to become optometrists.

Courses are offered in agriculture for those who desire special work in that subject.

A large number of other courses in varied subjects is given late in the afternoon and on Saturday which repeat those in liberal studies offered in the Colleges of the University. These are given in the same manner and often by the same instructors as the regular courses. In many instances university credit is granted.

Numerous courses are given at various centres. These are either regular courses of collegiate grade or short lecture courses without academic credit.

Lecture-study courses in certain subjects forming fifteen or thirty lectures alternating with quiz or conference hours are given at Morningside Heights and at centres when requested.

Centres for the study of choral music are maintained at Morningside Heights, and Brooklyn, and choral concerts are given during the year.

**Registration.** — Students who expect to attend at Morningside Heights are required to register at the office of the Registrar, University Hall. A student in Extension Teaching registers for one half-year and is required to renew his registration in person at the beginning of the second half-year.

Matriculated students in the various schools of the University will be allowed to attend courses in Extension Teaching in accordance with the regulations of the several schools; they must, however, register and pay the fees in the same way as other students in Extension courses.

**Fees.** — All students, matriculated or non-matriculated, admitted to Extension courses, must pay at the time of registration the fees determined by the Administrative Board. The fees for Extension courses are determined, as a rule, at the rate of \$6 per point, *i.e.*, for one hour per week of class-room work, or two hours of laboratory or drawing-room work, through a half-year. All Extension students must pay a University fee of \$5 for each year or any part thereof. Students taking six points each half-year have the privileges of the Library and, in the case of men, the University Gymnasium. The privilege of residence in the dormitories is limited in the case of Extension Teaching men students to those in good standing pursuing programs aggregating not less than ten points each half-year. Women students in Extension Teaching may reside in Whittier Hall under certain conditions determined by the amount of work taken.

Courses in Extension Teaching, approved by the Committees on Instruction in Columbia, Barnard and Teachers Colleges are credited for matriculated students toward the degrees of A.B. and B.S., toward the diplomas in Teachers College, and toward degrees in other professional schools in accordance with the regulations established by the various faculties. The credit given for the various courses will be found in the *Announcement of Extension Teaching*.

Courses in Extension Teaching, approved by the Executive Committee of the University Council, will count toward the degree of Master of Arts.

**Admission.** — No examination is required for admission to courses offered in Extension Teaching but students must satisfy the instructors concerned that they can pursue the courses with advantage. It is expected that prospective students in all collegiate and professional courses shall have had a full secondary school education. The courses are open, unless it is otherwise stated, both to men and women.

**Location.** — Collegiate and professional courses will be given at Columbia University, 116th Street and Broadway; Mount Vernon, N.Y. (60 South Third Avenue); Stamford (High School); Bridgeport (Shelton School); Jersey City (William L. Dickinson High School); Paterson (Paterson High School); Passaic (Passaic High School); Trenton (School Administration Building); and wherever classes of sufficient numbers may be gathered.

For detailed information as to the places and hours for these courses, the qualifications for admission, the regulations for registration, candidacy for degrees, diplomas, attendance, and examinations, the fees prescribed, and for a statement of each course offered, see the current *Announcement of Extension Teaching*, which may be obtained without charge upon application to the Secretary of the University.

**Institute of Arts and Sciences.** — The Institute of Arts and Sciences is a division of the Department of Extension Teaching. The aim of the Institute is to provide a popular late afternoon and evening program consisting of university extension lectures, addresses and other events of a cultural nature.

The program is planned for busy men and women. The scope includes single lectures and short series of lectures on history, literature, art, music, geography, science and on current economics and social problems; it comprises also illustrated travel lectures, recitals, dramatic readings and vocal and instrumental as well as chamber music concerts.

The annual dues are \$10 payable in advance with an enrollment fee of \$5 payable only once provided the enrollment does not lapse.

A member of the Institute will be entitled to admission for himself and one other person to all the lectures and other events on the regular evening program, but in the afternoon only one person will be admitted on the ticket. The ticket will be transferable. Altogether the membership tickets will include admission to approximately 250 lectures, readings, recitals, etc., throughout the season. A member will be entitled also to reduced rates for reserved seats to the special or more costly events offered in addition to the regular events. The program will continue from October to April.

A special pamphlet describing in detail the program of the Institute will be mailed upon request.

## AGGREGATE ATTENDANCE ON EXTENSION TEACHING COURSES

SUBJECTS	No. of Half-Year Courses			No. of Registrations			Percentage of Total Enrollment
	Morning-side	Extra-Mural Centers	Total	Morning-side	Extra-Mural Centers	Total	
Accounting.....	19	2	21	382	31	413	4.3367
Agriculture.....	20		20	183		183	1.9217
Architecture.....	32		32	408		408	4.2843
Botany.....	6		6	51		51	.5357
Chemistry.....	10		10	166		166	1.7433
Commerce.....	7		7	164		164	1.7223
Commercial Law.....	5		5	108		108	1.1342
Economics.....	20		20	365		365	3.8327
Education.....	1	15	16	18	485	503	5.2817
Engineering.....	13		13	220		220	2.3102
English.....	65	25	90	1603	355	1958	20.5592
Finance.....	4		4	54		54	.5672
Fine Arts.....	3	1	4	192	14	206	2.1632
French.....	31	5	36	504	46	550	5.7752
Geology.....	2		2	31		31	.3257
German.....	34		34	519		519	5.4497
Greek.....	2		2	15		15	.1577
Highway Engineering...	10		10	51		51	.5357
History.....	24	4	28	535	93	628	6.5942
International Law.....	4	2	6	20	15	35	.3677
Italian.....	4	4	8	43	25	68	.7142
Latin.....	12		12	160		160	1.6802
Library Economy.....	8		8	79		79	.8297
Mathematics.....	22		22	399		399	4.1897
Mechanics.....	1		1	18		18	.1892
Mechanical Drawing...	7		7	68		68	.7142
Music.....	6		6	69		69	.7247
Optometry.....	18		18	471		471	4.9457
Philosophy.....	8		8	146		146	1.5332
Physical Education....	8		8	40		40	.4202
Physics.....	4		4	138		138	1.4492
Plastic Anatomy.....	2		2	7		7	.0737
Politics.....	4		4	70		70	.7352
Psychology.....	11		11	240		240	2.5202
Semitics.....	1		1	3		3	.0317
Social Correspondence..	3		3	59		59	.6197
Sociology.....	11		11	119		119	1.2497
Spanish.....	9	2	11	176	28	204	2.1422
Stenog. and Typewriting	27		27	391		391	4.1057
Structural Mechanics...	6		6	92		92	.9662
Zoölogy.....	2		2	54		54	.5672
Total.....	486	60	546	8431	1092	9523	100.0000

## DEGREES CONFERRED DURING 1914-1915

*Degrees are conferred at the October and February meetings of the University Council and on Commencement Day.*

### COLUMBIA COLLEGE

**Bachelor of Arts.**—ORLANDO D'AMATO, JOSEPH BARTLETT ARMSTRONG, with honors in English Literature and Latin; FREDERICK WOOD BAKER, BENJAMIN HILSDON BARTHLOW, RAY COPPOCK BEERY,\* WILLIAM HART BELLINGER, ALEXANDER BENIKOFF,† WILLIAM BIERMAN, SHERMAN M. BIJUR, EDWIN MILTON BÖHM, PHILIP BONGIORNO,\* JAY BARRETT BOTSFORD, RAYMOND COOPER BRANION, EDWARD GEORGE BURGHARD, TOWNSEND LAING CANNON, HAROLD KING CHADWICK, with high honors in Greek and Philosophy; WILLIAM DANIEL CLARK, JAMES COLLETTI, LESTER CLARK DANIELSON, SAMUEL VALLANCE HYATT DANZIG,† ROBERT OGDEN DuBOIS,† ERNEST HAROLD EDINGER, FREDERICK TREVENEN EDWARDS, MOSES N. EISNER, LOUIS JULIUS ELLINGER, CHARLES ELSTEIN,\* TOM YUEN FAY,† JACOB FEIN,† CLEMENT FEINBERG,† SAMUEL SIDNEY FERN, EMIL HENRY FINK, WENDELL GILMAN FOGG, DUDLEY FREDERICK FOWLER (June, 1914); JOHN MEARES GALT, COBURN GILMAN, HENRY GOLD,† PHILIP GORDON, with honors in English Literature and German; STERLING EDWARD GRAHAM, PRYOR McNEILL GRANT, with high honors in English Literature and History; GASTON JULIEN HERRMANN, M. DAVID HOFFMAN,† HENRY FRANK HOLTHUSEN, JOHN J. HOLZINGER,† HAROLD THOMAS HYMAN, WERNER REGINALD ILSÉN, with high honors in French and German; PHILIP KITTREDGE KEMP, WILLARD IVES KIMM, JOHN APLIN KINNEY, MORRIS HENNING KLEBAN, PAUL HENRY KLINGENSTEIN, CHESTER F. LEONARD, ISADORE BAER LEVINE, JOHN WHEATLEY LOVE, JR.,† JAMES A. LYNCH, JOHN JOSEPH McELHINNY, WILLIAM JOSEPH McHALE, ALLAN MacROSSIE, JR., LAZARUS MARCUS, CHARLES WILLIAM MARGOLD, HAROLD LEE MEIERHOF, HERBERT LINCOLN MEYER,† DARYL BRANCH MILLER, WALTER VAN OLINDA MOORE, ALFRED STAUNTON MOSES (October, 1912); FRED WHITLOCK NEWMAN, JULIEN WHITLOCK NEWMAN, JAMES SAUNDERS O'NEALE, JR., VINCENT JEROME O'REILLY, PAUL L. PEARL,† JOHN RICHARD PERKINS, JOHN A. FITZ RANDOLPH, MILTON H. REUBEN, ARCHIE EDWARD RHINEHART,† EDWARD KARL RICHARD, JULIUS KAPLAN RICHARDS,† LELAND REX ROBINSON, with highest honors in Economics and English Literature; WILLIAM RAYMOND ROOT, SAMUEL IRVING ROSENMAN, with highest honors in French and History; DAVID M. ROTHENBERG, EUGÈNE ETIENNE ROVILLAIN, with high honors in French and History; PHILIP WILLIAM RUSS, VINCENT GUY SANBORN, JOSEPH SARACHEK, LEWIS SCEVA, HERBERT WALLACE SCHNEIDER, with high honors in History and Philosophy; MAXIMILIAN HENRY SLAYTON,† RICHARD GORDON STABLEFORD, JR.,\* WALTER MARTIN STILLMAN, SAMUEL W. STRAUSS,† EDWARD HARRISON SUTLIFF,† JOHN GORDON SWEENEY, with honors in Chemistry and Mathematics; ALBERT TWOMBLY SWORDS, ELWOOD GORDON TABOR,

\* October, 1914.

† February, 1915.

JACOB JULIAN TASHOF, CLIFFORD L. TICHENOR, CAMILLUS ROGERS TRAINER, OTTO JOHANNES TRAUSIL, DAVID TURETS, PAUL MOWBRAY WHEELER, ARTHUR KENT WHITE, HAROLD SATTERLEE WILLIS, WILLIAM HARRY WILSEN, MARCUS SALBERG WOLFF, ALEXANDER HEMSLEY WOOD,† WILLIAM HARRISON WOODRUFF.

[103 + 2]

**Bachelor of Science.** — ALEXANDER AMANT,† HAROLD ELMER ANTHONY,† LEON I. ARONESCU,\* HERMAN AXELROD, HARRY BAKOVITZ, C. ALBERT J. BECKWITH, HAROLD BERTRAM BERNSTEIN, WILLIAM DONALD BRAISLIN, MILTON ARLANDEN BRIDGES, JOHN EARLE BROWN, MCKEEN CATTELL,\* FRANKLIN ROBERT CAWL,† JUN KE CHOY (and the Consular Certificate); EDWARD BURCHAM CLARK, JOHN HIGSON COVER, ALFRED LEO DIEBOLT,† ALFRED BENNETT DRULLARD, DOUGLAS L. DUNBAR, WALTER WILLIAM DWYER, ADOLPH ELWYN, MONTROSE ERNST,† WALTER FRANK LOUIS FOERSTER,† EMIL FREUDENFELS, IRVING S. FUSFELD,† ANDREW JESSE GAHAGAN,† JOSEPH HAIM GLOBUS, HERMAN GOODMAN, PHILIP GOODSTEIN, ALFRED AUGUSTUS HALDENSTEIN, CHARLES ERNEST HALL, KARL J. HERKERT, JR.,\* HAROLD HERMAN, OTTO HERSON,† GILBERT HENRY HIGGINS, ALBERT HOFFMANN,\* RICHARD FILSNER HOLLMANN,\* WASHINGTON CONNOR HUYLER, WILLIAM SHERMAN JOHNSTON, WILLIAM TALBOT LAMBERT, THOMAS HAIGHT LEGGETT, JR.,\* BENJAMIN FAIRBANKS LEONARD, HUGO GEORGE LOESCH, HAROLD LOS KAMP, IRA PRESTON MACNAIR, WILLIAM MALISOFF, MAX M. MANDL,† WILLIAM FREDERICK MAUL,\* A. PIZA MENDES, with honors in Chemistry and Philosophy; HAROLD DAVIS MENKEN,\* HENRY LITCHFIELD MISCHLICH, HENRY BOOTH MOORE, LOUIS H. F. MOUQUIN, WILLIAM WALLACE MUNRO, GEORGE BERNARD MURPHY, JAMES ADAM MURPHY, WILLIAM MORRIS NEVIN, RAYMOND LENOX NOONAN,† ALFRED WEIL NOREK, LEON FRANK PASZEK, JOSEPH PEARLMAN, SAMUEL LOUIS PIDOT, ROBERT E. PRÉTAT (June, 1914); MORRIS ABEL RAINES, with high honors in Botany and Zoölogy; JULIAN RICE, HERBERT WESLEY ROGERS, EDWARD W. SAGE (June, 1914); EMANUEL SALWEN, WALTER HAROLD SANDS, CHONG SU SEE, JULIUS SIEGEL,† GEORGE ALLEN SMITH, KENNETH SMITH, EDGAR ALLEN BURR SPENCER (June, 1914); PHILO ARTHUR STATTON, MORRIS STEIN, DAVID SUSSMAN STERN, LEO STERN, with honors in Mathematics; OTTOKAR TENOPYR, GODFREY ERNEST UPDIKE, JOHN HOWARD WEAVER, with high honors in Mathematics and Physics; FRANK LEOPOLD WEIL, JOHN ALBERT WILSON, FREDERICK W. WÜLFING, CARL BERNHARD WURM, TOM SHEW WYE (June, 1914).

[81 + 4]

### BARNARD COLLEGE

**Bachelor of Arts.** — HELEN ADAIR, BEULAH ELIZABETH AMIDON, *cum laude*, ROSALIE APPELT, KATHRYN ASHBROOK, RUTH ASSERSON, EDNA FRANCES ASTRUCK,\* GRACE DERBY BANKER, CONSTANCE ISABEL BARNET,† LINNÉA HENRIETTA BAUMAN, ALMIRA FREDERICKA BELKNAP, EDITH BERGER, SARA ANNA BERNHEIM, HELEN MARJORIE BLEET, HELEN BLUMENTHAL, JULIA VIRGINIA BOLGER,† MARION ALLEN BORDEN, HELEN ELIZABETH BRADBEER,\* ALICE MARIE-LOUISE BRETT, *cum laude*, SARAH SCHUYLER BUTLER, *magna cum laude*, MARGARET FRYER CARR, ELSIE DE VALOIS CHESLEY, MARGARET CLARIBREW, MARY ISABEL COATES, MARGARET CAMERON COBB, GRACE COFFIN,\* LUCY GRACE COGAN, CAROLINE COHN,\* AGNES CONKLIN, MARY ETHEL CONOVER, ALICE RUTH CRANCH, OLIVIA PRICE CURRY,† EDITH REBECCA DAVIS,† DOROTHY DEAN, EDWINA MARY DEARDEN,†

\* October, 1914.

† February, 1915.

MARIE FRANCES DOODY, DOROTHY EARLE, SADIE ENGEL, RHODA ERSKINE, RUTH DORIS EVANS, GRACE ELLEN FARRELL, THORA MARIE FERNSTRÖM, *cum laude*, DORETTE FEZANDIÉ, BERTHA FINK, FRIEDA FLEER, KATHARINE NEAL FOX, HORTENSE FRIEDMAN,\* CATHARINE CARRIE FRIES,† ANNIE FULLER, MARY CONSTANCE GERATY, HELEN CLAIRE GILLEAUDEAU, RUTH GRAAE,† MARY GRAY, GRACE RACHEL GREENBAUM, JESSIE GROF, EDITH GERTRUDE HARDWICK, JOAN HARPER, HARRIET MAY HARRER,† PHYLLIS HEDLEY, EDNA MARY HENRY, ALMA JOSEPHINE HERZFELD,† IRENE HICKOK, *cum laude*, MARJORIE HILLAS, GERTRUDE HOCHSCHILD,† RUTH NANETTE HOROWITZ, LUCIE WILSON HOWE, FRANCES MARIE HOWELL, GRACE LOUISE HUBBARD, ETHEL VIRGINIA HUNLEY, LILLIAN MARGUERITE JACKSON, BEATRICE JACOBSEN, ALMA CHARLOTTE JAMISON, HELEN HARTLEY JENKINS, SENTA JONAS, ALICE LOUISE JONES, ANNA GOUNOD JORDAN, HELEN JOURNEAY, EMMA CORNELIA KELLEY, LOUISE FRANCES KELLY, IVA TOMPKINS KEMPTON, CATHARINE EDITH KERBY, FRED A KIRCHWEY, ANNA FO-JIN KONG, ESTELLE KRAUSE, DOROTHY AUGUSTA KRIER, HENRIETTA POLLAK KRINSKY, HELEN ROSE LACHMANN, EMILY GORDON LAMBERT, *cum laude*, RAY ELLIOT LEVI, ELSIE FREUDENHEIM LEVINSON, HELENA LICHTENSTEIN, ELEANORE GRACE LOURIA, MILLCENT LUBETKIN, SARA ROWLAND LULL, HELEN MACDONALD, LOIS WHITNEY MARTIN,† OLGA MARX, *cum laude*, CLARA WOOLLIE MAYER, *cum laude*, MARGARET NATHAN MEYER, *cum laude*, EDA MILLER, HELEN DORA MISCH, LUCY ROSE MORGENTHAU, MILDRED LEE MOSES, REGINA MURNANE, HELEN ANNETTE MURPHY, SVEA NELSON, ELSIE MAY OERZEN, LOUISE MARIAN OPPENHEIMER, REGINA O'SULLIVAN,\* ANNA MARGUERITE PADDOCK, ELIZABETH PALMER, *cum laude*, MARGARET POLLITZER, VIRGINIA MIRIAM PULLEYN, MILDRED FITZ RANDOLPH, SARENA VALENTINE ROOME, MARY FRANCES RUDOLPH, FLORENCE MARYETTE SAYER, EMMA BERTHOLF SAYRE, AMY ESTHER SCHECHTER, ELISABETH MARIA SCHMIDT, FLORENCE MILDRED SEIGLER,\* DOROTHY ANNE SKINKER, LILLIAN SOSKIN, *cum laude*, DOROTHY STANBROUGH, EDITH STILES, CHARLOTTE WILHELMINE STOBAUGH, VIOLA MATILDA STOKES, DOROTHEA STORER, MARGARET TERRIBERRY, GERTRUDE TIELEKE, KATE HAGOOD TOBIN, ISABEL TOTTEN, ELIZABETH JANE TRUNDLE, LOUISE WALKER, ESTELLE PHYLLIS WASSERMAN, ALICE JULIETTE WEBBER, BEULAH WELDON, KATHARINE WILLIAMS, NATALIE FRANCISCA WOOD, MARTHA WYCKOFF, ROSE MARIE WISE YOUNKER, HELEN ZAGAT. [141]

**Bachelor of Science.**—FANNIE RICH ANSORGE, RUTH ELLEN BREWER, CLARA LILLIAN FROELICH, *cum laude*, EDITH HELEN GOLDSTONE, ANN GAYLER KUTTNER, ELIZABETH MATHISON, IRMA DOROTHY MEYER, ELISE TOBIN.

[8]

## LAW

**Bachelor of Laws.**—HENRY CLINTON ADAMS, Litt.B., EARLE BERNON ARNOLD, A.B.,\* DONATUS JOSEPH ASSELIN, A.B., EMIL N. BAAR, A.B., CHARLES ROBERT BAILEY, A.B., WILLIAM LEWIS BAINTON, B.S., HARRY OWEN BALES, A.B., FRANK PENDLETON BARKER, A.B., WILLIAM LEONARD BERK, A.B., WILFREDO BERTRÁN, A.B. (June, 1914); ALEXANDER MORTIMER BIRNBAUM, A.B., SIDNEY S. BOBBÉ, B.S., CHARLES EDWARD BOLES, A.B.,† JOHN O'NEILL BOMER, JR., B.S., A. LEON BRAUS, B.S., ARNOLD J. R. BROCK, A.B., EDWARD VINCENT BRODERICK, A.B., A.M., FRANK J. BROWN, A.B., CORNELIUS HARDY BUFORD, A.B., MAURICE ZUEVIA BUNGARD, B.S.,

\* October, 1914.

† February, 1915.

JOSEPH WILLIAM CARROLL, A.B., BYRON CLARK, JR., A.B., FRANCIS JOHN CLARK, A.B., RUSSELL ARTHUR CLARK, A.B., LOUIS CONNICK, A.B., EDWIN WRIGHT COONEY, A.B., BERNARD AUGUSTINE CRUSE, A.B., A.M., CYRIL JOSEPH CURRAN, A.B., VINCENT EDWARD CURRY, A.B., EDGAR JACOB DRACHMAN, A.B., WILBUR ARTHUR DRAKE, A.B.,\* FRANCIS LAWRENCE DRISCOLL, Ph.B., CARL ERNÖ ERPF-LEFKOVICS, A.B.,† HUBERT EVANS, A.M., Ph.D., CHARLES THORNE FAAS, B.S.,† PAUL MCDANIEL FELKER, A.B., TRACY RICHARD VANDERBILT FIKE, A.B., DUDLEY FREDERICK FOWLER, A.B., VICTOR P. FRANK, A.B., FERNANDO FREYRE DE ANDRADE Y ESCARDÓ, D.C.L., ARTHUR MCCORNACK GEARY, A.B., ABRAHAM ARTHUR GIDEN, B.S., SAMUEL GINSBURG, A.B., PHILIP LOMBARD GIVEN, A.B., JULIUS BERTRAM GLUCK, A.B., GULLIE BENJAMIN GOLDIN, A.B., LEO NELSON HAIBLUM, A.B., JULIAN CROWELL HALL, WILKIE CLAY HAM, Ph.B., EDWARD HARRAH, A.B., HARRY BUCK HENDERSON, JR., A.B., HAROLD EDWARD HERRICK, A.B., OTTO PETER HEYN, JR., A.B., JAMES HURD HUGHES, JR., Ph.B., MAXWELL HYMAN, A.B., WILLIAM ABRAMOVITZ HYMAN, A.B., ALPHONSO L. IVEY, B.S., ELIAS REX JACOBS, A.B., NEWTON JENKINS, A.B., WILLIAM TRAVEREY JEROME, JR., A.B., EDMUND G. JOSEPH, A.B., JEROME FRANK KATZ, A.B., STANLEY MATTHEWS LAZARUS, A.B., CLARENCE LESLIE LEWIS, A.B., A.M., JOHN THEODORE LITTLE, A.B., CLIFFORD STANLEY LYON, A.B., JOHN KERNAN MCCORMICK, A.B., JAMES BENNETT MCLAUGHLIN, JR., A.B., CHAUNCEY RYDER MCPHERSON, B.S., JOHN KING MACADAM, A.B., DOUGLAS MACDUFF, A.B., A.M.,\* FRANCIS LINTON MARTIN, Ph.B., DAVID EDWARD MEEKER, A.B., CLARENCE FREDERICK MILHEISER, A.B., JOSÉ ENRIQUE MONTORO,\* HENRY BOOTH MOORE, BENTON BURNS MORRIS, A.B., LL.B., JACOB LAFFER MULWITZ, A.B., SAMSON NATHANSON, A.B., WILLIAM NETTER, A.B., GERALD GEORGE O'DONAHOE, A.B., B.S., WALTER STUART ORR, A.B., EDWARD RODNEY PARHAM, LL.B., CHARLES CHESTER PEARCE, A.B., HARRY C. PEIKER, CHARLES AMBROSE PLAMONDON, JR., A.B., KARL PROPPER, A.B., JOEL LEWIS READ, B.L., LYNN POWERS REED, A.B., FRANCIS BAYARD RIVES, A.B., VIVIAN CLINTON ROSS, A.B., I. HARVEY ROTHBERG, A.B.,† JAY LEO ROTHCHILD, A.B., A.M., HERMAN ZIGMUND ROTHSTEIN, A.B., FRANK RAYMOND RUBEL, B.S., JESSE JONES RUBLE, A.B., AUGUST CHARLES SCHARMANN, A.B., JESSE SCHWARTZ, B.S., IRVING SCHWED, Ph.B., JACOB SHIENTAG, A.B., SOL SHOLES, B.S., AHMED SHUKRI, A.M., ANTON SINGER, A.B., NORMAN CLARENCE SMITH, A.B., THEODORE EUGENE SMITH, JR., A.B., WESLEY LOTT SMITH, B.S.,† BERTRAM SOMMER, A.B., GEORGE RAYNOLDS STEARNS, JR., A.B., EDWARD LOUIS STECKLER, A.B., SAMUEL DAVID STEIN, A.B., A.M., LAURENCE ADOLPH STEINHARDT, A.B., CORNELIUS FRANCIS STRADFORD, A.B., JOHN CARLISLE SWAIM, A.B., A.M., IRWIN DERNHAM STRAUSS, A.B.,† CLIFFORD MELVIN STRAWMAN, B.S.,† FERDINAND TANNENBAUM, A.B., LYNN HARRISON THOMPSON, A.B., DANIEL GRANT TOMLINSON, A.B., EUGENE UNTERMYER, A.B., JAMES ANDREW VAUGHAN, A.M., ANDREW VELEBIR, JR., A.B., TRACY STEBBINS VOORHEES, A.B.,\* WILLIAM HERMAN WACK, B.S., A.M., MERLE ROYSE WALKER, A.B., JOSEPH P. WARD, A.B., BRANTLEY ALEXANDER WEATHERS, JR., A.B., HOWARD STERLING WHITLEY, M.E., EDWARD RENWICK WHITTINGHAM, Litt.B., WALTER GERARD WIECHMANN, A.B., HARRY WILK, A.B., RICHARD BARTLEY WILSON, Ph.B., WINTHROP ALDEN WILSON, A.B., PHILIP WOLINSKY, A.B., JOHN SAMUEL WOOD, A.B., CHARLES DOUGLAS WOODHOUSE, A.B.†

[134+1]

\* October, 1914

† February, 1915

## MEDICINE

**Doctor of Medicine.**—WILLIS POWER BAKER, LOUIS BERMAN, ALFRED MORRELL BIDWELL, Ph.B., RAYMOND VOORHEES BROKAW, JOE TURNER CABANISS, B.S., A.M., LOUIS CARP, PHILIP HENRY CLARKE, MAX CLIMAN, A.B., RALPH COLP, A.B., WILLIAM PUTNAM COLVIN, PERCY HAROLD DESNOES, NORMAN MCLEOD DINGMAN, A.B., RAYMOND CANFIELD DODD, A.B., JOHN SINCLAIR DYE, M.D., EDWARD RAYMOND EASTON, A.B., AMZI JEFFERSON ELLINGTON, B.S., JOSEPH FELSEN, A.B., WILLIAM FRIEDMAN, ELIAS GAMRIN, JOSEPH GOLDSTONE, A.B., JULIUS GOTTESMAN, B.S., MORRIS GREENBERGER, HERMAN HALPERN,\* HALCYON HALSTED, Pd.B., JAMES YATES HAMRICK, JR., B.S., HARRY BEAUVOIR HANSEN, Ph.C., MARTIN HOLZMAN, B.S., RALPH ABRAM HURD, ALFRED HERBERT IAASON, A.B., CHARLES GILBERT IRISH, A.B., ALEXANDER WILLIAM JACOBS, ABRAHAM JERSKEY, B.S., HAROLD FOOTE JOHNSON, A.B., REDFORD KOHLSAAT JOHNSON, JOHN J. KENNY, A.B., HALIM BASIL KHURI, EUGENE KLEIN, A.B., BERTRAM SOLOMON KRAMER, B.S., WILLIAM SARGENT LADD, B.S., WILLIS W. LASHER, JEROME LEVY, A.B., RAYMOND WILLIAMS LEWIS, A.B., BROCKTON REYNOLDS LYON, GEORGE GERARD McELVARE, B.S., ARTHUR HENRY MCFARLAND, B.S., PRESTON ALEXANDER MCLENDON, B.S., HERMAN MARTINSON, A.B., RAYMOND HAMILTON MATHEWS, B.S., MAX DAVID MAYER, A.B., HENRY EDMUND MELENEY, A.B., JOHN FRANCIS MESSEMER, A.B., LEO MICHAELS, SETH HERBERT MILES, B.S., ARBOR DAY MUNGER, B.S., LEWIS ALFRED NEWFIELD, Ph.B., CHARLES FAY NICHOLS, A.B., IRVING HOTCHKISS PARDEE, A.B., JOSEPH PRICE, B.S., ROBERT JESSE REYNOLDS, A.B., JAY BESSON RUDOLPHY, THEODORE MICHAEL SANDERS, A.B., HARRY JOSEPH SEIFF, B.S., ISIDOR F. SHAPIRO, FLOYD CALDWELL SHUGART, B.S., HARRY SLATKIN, B.S., ALAN DE FOREST SMITH, A.B., HAROLD ELLSWORTH SMITH, A.B., FRANK HASSAN SNYDER, A.B., B.S., JULIUS SOBIN, A.B., STEPHEN TREAT STANLEY, A.B., WILBUR WATKINS STEARNS, A.B., JAMES ALEXANDER STEEL, B.S., ALBERT MASON STEVENS, A.B., HENRY ALEXANDER SUSSMAN, B.S., HAROLD WILLIAMS TAYLOR, A.B., CLARENCE PROCTOR THOMAS, A.B., JONAS J. UNGER, A.B., ALBERT VALENSI, B.S., HERMAN HENRY VAN HORN, A.B.,\* WILLIAM EASTON WAKELEY, B.S., EDGAR WILLIAM WHITE, A.B.,\* JESSE FEIRING WILLIAMS, A.B., HEWARD SOVEREIGN YORK, M.D., JOHN JOSEPH YOUNG, JR., A.B., LEWIS ZION, A.B.

[185]

## SCIENCE

**Engineer of Mines.**—RUSSELL LAWRENCE BEATTY, ROBERT WILSON BISSELL, B.S., E.M., A.M.,\* ROY SAMUEL BONSI, A.B., A.M., HARRY BRANDENBURG, AMBROSE HAMMET BURROUGHS, JR., ERNEST HEATHCOTE DICKENSON,† CHARLES WHARTON EICHRODT,\* DJEVAD EYOUB, B.S., JOSEPH LASKAR GOLDMAN,\* PAUL GOLDMANN,\* IRVING WHITNEY HADSELL,† GEORGE SYLVESTER KEARNEY,\* RENÉ ACHILLE FRANCIS MANÈS,\* SOL MARGON, WILLIAM FREDERICK MAUL, B.S., LOUIS AUBREY MYLIUS, B.S., GEORGE REUBEN PAGE, B.S., E.M., ROSENDO PINEDA, HAROLD AUGUSTUS STOCKLY, A.B., FREDERICK SYLVESTER WRIGHT.

[20]

**Metallurgical Engineer.**—JOHN WOODS ALDEN, ROBERT WILSON BISSELL, B.S., E.M., A.M., SAMUEL FRANKEL, HERBERT JAMES FRENCH, HAMILTON HUBBARD HOWRY, HERMAN MICHAEL QUINN.

[6]

\* October, 1914.

† February, 1915.



**Civil Engineer.**—GUY ATKINSON, BENJAMIN HAROLD BELKNAP, HARRY J. BUNCKE, SAMUEL CARNER, CHARLES NORMAN CLEARY, LAVERNE REUBEN CRAFT,\* ARTHUR PETER VON DEESTEN, RICHARD VINCENT DONNELLY, FRANK EDWARD EDEBOHLS, OSCAR ARPAD FUHRER, LEONARD GREENBURG, DONALD LEAL GREENLEAF, A.B., ARTHUR JOVESHOF, MAX KANNENGIESER, WALTER FRANCIS KRAUS, GIOVANNI BATTISTA LAGUARDIA, JULIUS LEVY, JOHN ARTHUR MCKENNA, JR., HENRY HOELZLE MASON,\* JACOB MECHANIC, ISIDOR SAMUEL MILLMAN, PHILIP O'BRYAN MONTGOMERY, EDWARD WILLIAM MURRAY, CLARENCE EDWARD OLMSTED, EUGENE HIRAM PADDOCK, A.B., JOHN SANFORD PECK, PASQUALE JOSEPH PICCIRILLI, SOL PINCUS, B.S., SELBY QUATTLEBAUM,\* HERMAN DAVID RAABIN, GEORGE WASHINGTON RICHARDSON, JR.,\* SAMUEL BREWSTER SCALES, CHARLES HENRY SCHUMANN, JR., FRANK HOMER SIMMONDS, CLARENCE ELLSWORTH STEVENS, MAX EMANUEL UNGARLEIDER,\* JOHN AUGUSTUS WEYANT.

[37]

**Electrical Engineer.**—J. ARTHUR BALMFORD, DONALD DOUGLAS BLANCHARD, MONTROSE ERNST, B.S., GIOACCHINO FAILLA, SANDFORD JAKES, A.B., CHARLES ALBERT MÜLLER, LINCOLN PADDOCK, A.B.,\* WILLIAM EGLINTON REID, ISAAC L. RICE, JR., IRVING DAVID SMITH, JR., B.S., STANLEY WATSON SMITH, CARL ERNEST HERMAN VON SOTHEN, CLARENCE GEORGE STONE, JR., ARTHUR CLARENCE WATTERS, ROPER BLACKERBY WOOLFOLK, A.B.

[15]

**Mechanical Engineer.**—HAROLD FELTON ALLEN, RALPH STANTON BARNABY, JOHN HOWARD BARTLETT, 3d., JAMES THOM BEARD, JR., A.B.,\* ANTHONY LISPENARD BLEECKER, ARNOLD PARRETTE CRAMP, WILLIAM LEONARD H. DOYLE,\* MARK A. EICHENBERG, PAUL ERNEST FRIEDRICH, WYCKOFF LAWRENCE GARRISON, B.S., WILLIAM EDWARD GORDON, KARL WHITTINGTON HAWK, LLOYD FOWLER HAYDEN,\* RUSSELL CURTIS HINE, JAMES WENDELL JOHNSON, HUBERT CROW LAUBER, GORDON MILLIGAN PELTZ, CHARLES ERWIN RAYENS, JEAN ALFRED ROCHÉ, PERCY WILLIAM ROLAND, HARRY S. ROTKOWITZ, A.B., MORRIS M. SAVEDOFF, SAMUEL CLYDE SPALDING, WILFORD LOUIS STORK, B.S., LINDSAY HOWE WELLING, WALLACE WHITE, A.B., CHARLES ROLAND ROBINSON.\*

[27]

**Chemical Engineer.**—LEO ALTENBERG, WILLIAM EDWARD BROPHY, NATHAN M. ELIAS, ALVAH ERNEST ESSER, WILLIAM FREDERICK GLIMM, JR., SIEGFRIED H. HARTIG, B.S., HAROLD GOULD HENDERSON, JR., A.B., EMIL MUESER, HENRY OLT,† RICHARD GUSTAVUS PENFIELD, MAURICE WESSEL SCHWARZ, MILTON SEE, JR.,\* HALSEY ERNEST SILLIMAN, FREDERICK WYATT SOHON, WILLIAM MOORE SPRINGER, ERNEST THEODORE STEHLBY, THEODORE CLINTON TAYLOR, JAMES CLARENCE WEBSTER, A.B., CAROLUS SYLVESTER WOODWELL, B.S., ZAU CHEE ZUNGTSOO ZIA.\*

[20]

**Chemist.**—ABRAHAM BARNETT, JACOB C. GOLDSTEIN, HAROLD ROBERT HARWOOD, J. ALLEN HORTON.

[4]

**Bachelor of Architecture.**—HARRY BEARDSLEE BRAINERD, A.B., FRANK LATHROP FINLAYSON, B.S.,\* EMIL FREUDENFELS, GILES POLLARD GREENE, A.B., ROBERT MCKENZIE HARDISON, B.E., ARTHUR CORT HOLDEN, Litt.B.,

\* October, 1914.

† February, 1915.

JOE HUNTER McDONNELL, CONTE UGO PELLEGRINI, B.S., JOHN HENRY THIESEN, HAROLD VANDERVOORT WALSH.

[10]

**Certificate of Proficiency.**—ROSARIO CANDELA, ANNE HOWISON DORNIN, LEON MAXWELL GIROUX, LEONARD HIRSCHFELD, LOUIS ROMER HOWITT,\* LOUIS BERNARD HUESMANN, HENRY JORDAN PONSFORD, EDWIN JEROME ROBIN.

[8]

**Bachelor of Music.**—FRED ALLEN BEIDLEMAN, B.S., GEOFFREY CARL BUEHRER, JOHN ODELL HAUSER, A.B.

[3]

## JOURNALISM

**Bachelor of Literature in Journalism.**—FRANK CARPENTER BUNTING, Ph.B., MEYERCOHN, A.B., JOHN FRANCIS CORNELL, CARL CHANDLEE DICKEY, A.B., KENNETH CHARLES DRURY, A.B., ROBERTS EVERETT, SAMUEL ALEXANDER B. FROMMER, HENRY I. GOODMAN, JACOB WALTER GREENBERG,\* RICHARD FIELD GRIFFEN, A.B., RICHARD THOMAS HUNTINGTON, A.B., DAVID SHELTON KENNEDY, A.B., DAVID S. LEVY, LE ROY LEWIS LITTLE, A.B., A.M., REUBEN PETERSON, JR., A.B., RICHARD RAY RANDALL, B.L., HUGH WINFIELD ROBERTSON, A.B., A.M., FREDERICK CHRISTIAN SCHANG, JR., GLENN I. TUCKER, A.B., JAY VOORHIES, A.B., WALTER QUINCY WILGUS, WILLIAM WHITFIELD WOODS, A.B.

[22]

## EDUCATION

**Bachelor of Science in Education.**—JANE MAXWELL ABBOTT, CAROLINE E. ALDEN,† ELSIE MARGUERITE ALLEN, GRACE EVELYN ALLISON, MINNIE AMELIA ANDERSON, FLORENCE LUCY ANDRUSS, BERTHA CLAIRE AVERY,\* OLIVE ADELE BALCKE,† FLORENCE ELIAU BAMBERGER,† MARION BRIDGE BARBOUR, CLARA EMILY BARDENHEUER, ELIZABETH M. BARKLEY, CLARA ELIZABETH BARNABY, ETHEL ANNA BARRETT, LENA BARRUS, CARRIE MAY BARSKE,\* MARGERY JUNE BARTLETT, NELLIE FLORENCE BASH,\* NELLE BATCHELOR, ELEANOR ROSALIE BAZZONI, MINNA McLEOD BECK,\* ERNA LUCIE BEHNKEN, ELSIE EMILY BEHRENS, ESTHER NAOMI BEISWANGER,\* DOROTHY IRWIN BELL, IDA MAY BENNETT, MILDRED V. BENNETT, DOROTHY WOLFSON BERLINER,† BEATRICE ELIZABETH BESANÇON, INA BEST, SARAH BEST,\* AGNES FARRAR BETTS, MARGUERITE BETTS, AGNES MACKAY BEVERIDGE,† ANNA BICKNELL, VICTORIA GERTRUDE BISHOP,\* ALICE E. BLAIR, ANNE SEYMOUR BLAKE, SUSIE BLAKEY,\* ANNA LA TOURETTE BLAUVELT, FRANCES BLUMENTHAL,† IDA BLUMENTHAL,\* MILDRED ADELAIDE BOARDMAN,† BELLE BOAS, ZAIDEE ELIZABETH BONNEY,\* FERN V. BOOTH, JENNIE SELF-RIDGE BOYD,† BLANCHE A. BRADLEY, WALLACE J. BRAMAN, RAY NEWLAND BRAUS,† GRACE ELIZABETH BRECHT, EDWARD MICHAEL BRODERICK,\* ALEXANDER BROWN,\* CORINNE BROWN,\* ELSIE AGNES BUCHANAN,\* PHOEBE BULL, HATTIE ETTA BURCH, CARRIE E. M. BURKS,† LETITIA ALINE BURNHAM, MATHILDA BUSICK, SUSAN LYDIA BYRNE, WILLIAM S. CAFFREY, MABEL FLORENCE CAIN, SARA CALLEN,\* EMMA ELIZA CAMPBELL,† HELEN CANON, ALICE F. E. CARLETON, KITTIE ROSE CARLISLE, GUDRUN CARLSON, GERTRUDE R. CAULFIELD, EDITH PITT CHACE, NELLIE CHAMPAIGN,\* HAZEN CHATFIELD, MILDRED M. G. CHEN, LAURA JEAN CHENEY, MARGUERITE BEATRICE CHILD, CHARLES CHINN, ALICE EDITH

\*October, 1914.

†February, 1915.

CLARK,\* FRANCES HELEN CLARK, EDITH ESTELLE CLAXTON, LAURA ELIZA CLEMENTS,\* HELEN COE CLOWES, HELEN COOMBS, HELEN COPELAND COOMBS,\* KATHERINE ELIZABETH CORBETT, BESSIE LLEWELLYN CORKEY, JEAN COX, MABEL H. CRAWFORD,\* JOSÉ DANIEL CRESPO,\* CORDELIA CROUCH, FLORENCE BARNES CRUTTENDEN, NAIDA LOUISE CURTIS,\* LILLIE H. DAHLGREN,\* HELEN FLORENCE DAVOL,\* CHARLOTTE ELIZABETH DE GOLYER, ELLA CARA DELORIA, AGATHE DEMING, LUCY DICKINSON, CARRIE ALICIA DICKSON, LOUIE ELEANOR DICKSON,† DOROTHY DODGE, FANNIE WYCHE DUNN,† MARY CAROLINE DURKAN, MYRA GRACE DUTCHER, DOVE VALERIA EBERLE, JENNIE DOROTHEA EHLERS,† JACOB DAVID EHRENREICH, HJÖRDIS EKLUND, MARGARET CECIL EMBRY, JULIETTE ENDLY,† KATHARINE C. R. ENGLISH, ANNA BUTTON ERDMAN, CORA ELIZABETH EVERETT, MARGARET BINNEY FAIRFIELD, MARGARET LOUISE FARRELL, ABBIE MABEL FELLOWS,\* LUCILE WOOD FERGUSON,\* EMMA ESTELLA FICHTHORN, NELL C. FIELD, FRANCES CHARLOTTE FISBECK, GENEVIEVE FISHER,\* ISOBEL MILNE FLEMING, HELEN ELIZABETH FORSHEW, EMMA FRANCIS,\* ROSE FRANK, LAURA HARRIET FRENCH, MARY ELIZABETH GALE, SUSIE MARIE GAMMON, CARA LESLIE GARDINER,† HAZEL LOUISE GARRETT, JEANNETTE GARRETT, BERTRAND F. GIBBS, HILDA GILLET,\* CECILIA CATHERINE GILLMORE, ISIDORE GINSBERG,† HENRY GALEN GLASSER,\* ROSE MILDRED GOLDBLATT,† JULA GOLDMANN, BERTHA CLEMENCE GOLL, EMIL GOLLUBIER,† ISRAEL GOODMAN,\* TERESA AGNES GOODWIN,† AMY RUGGLES GOTT, EVA A. GRANT, HERBERT GRANT, JOHN NEWTON GRAY,\* IRA C. GREENBURG, BESSIE GRISCOM,† ELEANOR GERTRUDE HADSELL, ALFARETTA MAY HALE, BERTHA ELIZABETH HALL, ROBERT MILTON HALL, ESTELLE MARCY HALLOCK, MARION STUART HANCKEL, RUTH PENMAN HANN, GAIL HARRISON, CONSTANCE C. HART, LETITIA CANDACE HART, M. MAUDE HART, ROSE CATHARINE HARTMAN, HELEN CURTIS HAVENS, HARRIET SEAVER HAYWARD, HARRIET ELIZABETH HEATH,\* MARY MARGARET HERETH, FLORA HEROLD,† ZADA ESTHER HERRICK, ADAH HENRIETTA HESS, HENRY VALENTINE HESSELBACH,\* JOSEPHINE HIESEL, EDITH ANNA HILL, ELLA ANNETTE HINDS, EMMA HOERMANN, MARGARET HAMERIK HOLMES, SOPHIE HOLZ,† ANNA LOUISE HOOVER, DOROTHY MARION HOPE, MAUDE GERTRUDE HOSTETTER, FLORENCE ELIZABETH HOUSE,† LOUISE GARLAND HUMPHREYS, DOMINIC P. HUNT, LILLIAN S. HYDE, BERYL INGLIS, TOKI IWASAWA, FRANCES JENKINS, MARTHA CAMPBELL JENKINS, ALMA GRACE JOHNSON, MARGARET JUSTIN, THOMAS J. KALLIGAN,\* CLARA E. KAPS, MAUD KEATOR,\* MARY CATHERINE KEITH,† EMMA LOUISE KEMP, PAUL ALFRED KENNEDY, HANNAH AMANDA KIEFFER,† FRANCES MARION KNAPP, MARY HELENE KNEIP, CHRISTIANA HENRIETTA KOLSHORN, CAROLINE KREYKENBOHM,\* DOROTHY LEAH KUBIE, ETHELYN LA GRANGE, IU CHEUNG LAM, AURIE HOLLINGSWORTH LANCASTER, NATALIE LANCASTER, MARY D. LAPHAM, CONSTANCE ELEANOR LAW, MABEL WHARTON LEFTWICH,\* ANNE FLORENCE LEGATE, EFFIE LOUISE LEWIS,† ISIDORE J. LICHT, BLANCHE ISABEL LOUDON, HARRY LEOPOLD LUFT, HELEN FRANCES LYONS, CORA FLORENCE MACDERMAND, MARY McDERMOTT, DOROTHY MAY McFARLANE, FRANCES JOSEPHINE MCGOUGH, MARY BELLE McHENRY, HERBERT ALLEN MCKEAN, THERON LINCOLN MCKNIGHT, ANNA McMILLAN, GERTRUDE McMILLAN, FANNIE PERELES MARKWELL, KATE KING MARTIN, APPLETON ADAMS MASON,\* BLANCHE GENEVA MASON, EDITH MARION MASSEE,\* MARY VENABLE MATTOON, HELEN MAYA DAS,† LUELLA ARNOLD MELHINCH, HELEN MARGUERITE MELVIN, LUCILA MERCADO, WILLIAM HARRIS MERRIMAN,† ANITA THEODORE MEYER,

\* October, 1914.

† February, 1915.

MARIAN WAKELEY MINER, M. LOUIS MOHLER,\* MARTHA ALBERTA MONTGOMERY, FRANCES JOSEPHINE MOOK,\* ANNA ELISABETH MOORE,† VIDA MAE MOREHOUSE, SARA JANE MORRISSEY, JOHN CAYCE MORRISON, EDITH WINIFRED MOSES, HELEN EDITH MOSHER,† MADELEINE MOUTRAY, MAY KATHRYN MÜLLER, WALTER MULLER, MARGARET ISABELLE MUNRO, ANNE ENGLISH NEER, LETITIA ELEANOR NEER,† GRETCHEN DORIS NELSON,† BERTHA NORTHWOOD, ALMA MARGARET NORTON, LISA OSTERHOLM,\* CASSIE LUCRETIA PAINE,† KATHARINE PATTESON, NORA BURKS PAYNE, ANNA HARRIET PEACH, M. EVELYN PECK, ALICE EUNICE PENDERY, BERTHA E. PERHAM, CLARA LOUISE PERRY,\* JULIA HOLBERT PIERPONT,† ALTA A. POLLEY, MINNIE PRICE, AGNES MARGARET PUDDINGTON, MARGARET MARY RABY, MARY ELLEN RAGAN, MARY HARBISON RALSTON, ISABEL FITZ RANDOLPH, GRACE GARDNER REEVES, CHARLOTTE BAXTER RICHARDSON, IDA E. ROBERTS, MARION MCKAY ROBERTS, MARY ELIZABETH ROBINSON, HAZEL MAY ROGERS, HELEN KNIGHT ROGERS, SARAH LOGAN ROGERS,† EMMA KENT ROOT, BENJAMIN ROSEN, LAURA L. HURD ROSS,\* JACOB ABRAHAM ROTHENSTEIN, TESSIE L. SAVAGE, MAUDE G. SAYERS,\* NORMA RUTH SCHAEFFER,† MARY FRANCES SCHAEFFER, LILLIE SCHLOEMAN, MARGARET SCHMIDT, MARIE KATHERINE SCHOENHALS, MARTHA SCHOTT, BETTY SCHRAGENHEIM, BERTHA BARBARA SCHWABLE, ROBERT CHARLES SCHWAN,† FLORENCE IRMA SCHWARZ, JESSIE MAY SCOTT, ANNA MAY SECHLER,\* MARY L. SEEGER, JOSEPH SEIDLIN, AMY IRENE SHAW, PAUL SYLVESTER SHEEHAN, HANNAH SHERMAN, JENNIE SHIELDS, EDNA SHOE-MAKER, CARL NATHANIEL SHUSTER, GERTRUDE SILVER, JEANIE PATERSON SLIGHT,\* FLORA ELIZABETH SMITH, FRANCES MINERVA SMITH, GLADYS HOLDEN SMITH, HELEN MELISSA SMITH, KATHLEEN CRAIG SMITH, LEIGHTON V. SMITH, LEWIS GARRISON SMITH, ANNA W. SNYDER, MARY LOIS SMITH,† ROSE SNOW,\* IONE MARGUERITE SONN, CHRISTINE NORAD SOUTH, PHILIP SUMNER SPENCE,† HARRY ALONZO SPRAGUE,\* ELEANOR PARKER STARK, SARAH STARR,† ISABELLA MARY STATHAM, ALICE GORDON STODDARD, AMY MARGARET SWISHER, ALEJANDRO TAPIA,† JOHN LLOYD TAYLOR,\* MARY ANNA TAYLOR, ANITA THOMAS,† EDMUND THOMASER,\* VIOLA LOUISE TOMPKINS, EDNA RUTH TOUSSAINT, HENRIETTA TREDWELL, MABEL BARBARA TRILLING,\* JENNIE LOUISE TRIPP, HELEN MARGARET TRULAND, BESSIE ESTHER TRUMBLE, LENORA ELMINA WALKER, EVA MEBANE WALTERS, LUCY ALLEN WARBURTON, INEZ WARD, NINA ELMIRA WASHBURN, CARRIE MAY WEBER, EDNA MAY WEBER, MAE LAVINIA WELLS,\* ANNA E. WESSNER, LOUIS FRANCIS WEST, MARTHA LILIAN WESTFALL,† CLARA MABEL WHEELER,\* ETHEL WHIPP, JESSIE CAMPBELL WHITE, ADA LOUISE WHITNEY, ANN AGNES WILSON, EDITH WILSON, MARTHA ELIZABETH WINFIELD, JET CORINE WINTERS, ANNA MARIE WOLF, LELA WOOD, YOEHHNGOO TSOHSANG WU.†

[268]

**Bachelor of Science in Practical Arts.** — HELEN CORNELIA BISHOP, LEILA WAY CALDWELL, MARY ELIZABETH COOLEY, ZANA ELIZABETH CROSBY, MABEL EASTMAN DIXON,\* CHARLOTTE ELIZABETH GOWING, SIGRID CHARLOTTE HOLINGER, ELVA DAWSON HOOVER, ELIZABETH ANNE HOPKINS, EDITH LEONARD,† RUTH LOUISE MACDERMUT, SAMUEL MEIROWITZ, ANNA EVALYN NORTON, MARY ALMEDA PERRY,\* MARY FLORENCE PRESTON, MARY ROSE, VERA VAN AKEN, ETHEL M. WEIDENMAIR, YVONNE ADA WICKENDEN.

[19]

\* October, 1914.

† February, 1915.

**Diploma in Education:** *Awarded in connection with the degree of Doctor of Philosophy: Instructor in Education.*—MARTIN HEGLAND, TRUMAN LEE KELLEY,\* ROBERT ALEXANDER FYFE McDONALD, CYRUS DEWITT MEAD, CHARLES ALLEN PROSSER.†

[5]

**Diploma in Education:** *Awarded in connection with the degree of Master of Arts: Instructor in Education.*—GENEVIEVE LENORE COY, FREEMAN DAUGHTERS, ANNIE E. MOORE, EDGAR DUNNINGTON RANDOLPH,† JOHN LANGDON STENQUIST, ELIZABETH D. YOUNG.

*Superintendent of Schools.*—JOHN GARFIELD ANDERSON, OSCAR HENRY BODENHORN, PIUS E. BURNS,† EDGAR CLIPPINGER, BENJAMIN WILLIAM DAILY, CHESTER PAUL DAVIS,† LOUIS DEWITT DEYO,† EDWIN CALVIN DODSON,\* PURLEY CLARENCE EMMONS,\* JOSEPH RICHARD FULK, RAYMOND B. GURLEY, WHITTIER LORENZ HANSON, JAMES FRANCIS HARSHBARGER, ALBERT HUDGINS HILL,\* DAVID BERTO KRAYBILL,† CHARLES TEMPLEMAN LORAM, MALCOLM MACGREGOR, JOHN COLEMAN MARRIOTT, CHARLES MILTON MORSE, JESSE H. NEWLON, FRED ARTHUR NIMS, FREDERICK LUCIUS PACKARD, WALTER STUBBS PAINTER,\* CHARLES ALPAUGH PHILHOWER, DAVID CHALMERS PORTER,† ROSS OWEN RUNNELS, WILDY VICTOR SINGER,\* JOHN PAUL SPENCE,\* DAVID LEE STONER,\* ALFRED LYNCH TERRELL, PAUL WASHINGTON TERRY, WILLIAM WALTER THEISEN, ROLLAND J. D. WALTERS,\* FREDERICK FRANCIS WILLIAMS, FRANK MEADE WOODS.

*Principal of Normal Schools.*—ARTHUR WILLIAM BILLING, DALLAS DEVELLO JOHNSON.†

*Principal of High Schools.*—WILLARD ALGER BALLOU, CHARLES FREDERICK CARR, JOHN EDWARD HUGHES, CHARLES LOUIS OTTERMANN, WILLIAM L. SPENCER.

*Principal of Elementary Schools.*—HENRI RABB FERGER,† ETHEL WINCH PUTNEY.

*Supervisor of Elementary Schools.*—CORINNE BROWN, NORMAN FROST,\* MEREDITH SMITH,† MARGARET ELIZABETH WELLS, ESTALINE WILSON.

*Superintendent of Training Schools.*—LAWRENCE H. VAN DEN BERG.\*

*Supervisor of Rural Training Schools.*—INA GRACE BARNES.

*Supervisor of Kindergartens.*—ANNA M. WIECKING.

*Teacher of Education.*—WILLIAM SIMS ALLEN, ANNA ORR BROMLEY, JOSEPH N. K. HICKMAN, MABLE ANNORA NEAL, KEVORK AVEDIS SARAFIAN,\* ANNA AUGUSTA SCHNIEB,† JOHN ALBERTUS SHARON, LOIS CHRISTINE YOUNG.

*Teacher of Agricultural Education.*—THEODORE H. EATON.

*Teacher in Kindergartens.*—MIRIAM WILLARD CRAGIN, ANNIE B. KEMP, MARY BEATRICE SINCLAIR, MEREDITH SMITH.†

*Teacher of Biology.*—ALEXANDER KARL APISDORF, IDYLENE MABEL TOVEY,\* ISRAEL WEINSTEIN, MILDRED WOODHULL.

*Supervisor of English.*—HARRIET MANLEY BEALE.

*Teacher of English.*—VERA ANDREW, CATHERINE ETHEL CRADDOCK, HELEN EDITH ELPERS, RACHEL MOORE FRAME, M. MARJORIE HARWOOD, JANE MERWIN HAVEN, NATHAN CALEB HOUSE, HALE W. KINGSBURY, LOIS ADELE LOCKWOOD, ELLEN KOKEN MANN, MADELINE EASTWOOD MAURER, JOSHUA H. NEUMANN,† EFFIE MAY PARKER, WALTER WINFIELD PARKER, FANNIE SOPHIA REED, ROSA MAY STARRATT, FLOYD ALONZO STEVENS.

*Supervisor of Fine Arts.*—FAITH EDWARDS, KATE CAMERON SIMMONS.†

*Teacher of French.*—AMELIA ELIZABETH CLARK, JUDITH MAJOR.

\* October, 1914.

† February, 1915.

*Teacher of German.*—CARRIE BUTZ, FRANK MILTON SMITH, MARGARET MARIA STEVENS.

*Supervisor of History.*—LENA BOYD ELLINGTON,† FREDERICK HENRY MERTEN.

*Teacher of History.*—ALMEDA MAY JANNEY, HOWARD CROMWELL TAYLOR, DON RAYMOND WELLER.

*Teacher of Household Administration.*—LYDIA RAY BALDERSTON, EMMA HENRIETTA GUNTHER.

*Supervisor of Household Arts.*—MABEL MADELEINE LUTES, MARGUERITE LOUISE MCLEAN, LUCILE WHEELER.

*Teacher of Household Arts.*—HELEN COPELAND COOMBS, LUCY HOLCOMB GILLETT, EDITH MILLS GORDON, MARGARET HELEN HAGGART,\* ADA GEORGENE MEADOWS, ALMA MINNA OSWALD, GLADYS HOLLINGSWORTH SMITH, SARAH EDNA TWICHELL, MARY ANNA WARD, CLARA MAY WILLIAMS.

*Director of Industrial Arts.*—EDWIN AUGUSTUS LEE, LEONARD ERNEST RIGHTER,\* JOSEPH HODGEN VERTREES.

*Teacher of Latin.*—NANCY GILLMORE CORYELL, FERNE DENNISON FARVER,\* FLORENCE A. FONDA, EMMA BELLE FRENCH,\* EMILIA FRANCES SINOPOLI, MICHAEL C. VESSA.

*Supervisor of Mathematics.*—ALMA KATHARINE BECKER, ELSA BEHR, ROY CUMMINS, ORPHA EVELYN WORDEN.

*Teacher of Mathematics.*—FLORA E. BALCH, BENJAMIN BRAVERMAN, ALTA BLANCHE CHASE, MATILDA GOERTZ, LILLIAN HERTZ,\* CLYDE MILTON HILL, CHARLOTTE ESTELLE KARMEL,\* ANNIE E. KELLEY, JANE EMMA LEWIS, MARION WILSON MCCrackEN, DAVID LOWREY MACKay, GERTRUDE MOODEY, CHRISTIAN EDLY ROGERS,† GLADYS R. SEGEE, BENJAMIN BERGEN STRANG.

*Supervisor of Hygiene and Physical Education.*—BELLE JANE ALLEN, SOPHIA MAYBERRY STEESE.

*Teacher of Hygiene and Physical Education.*—MARY MOTTU DEVER, MARY EMMA GROSS, LOUISE WELLS.

*Supervisor of Play and Playgrounds.*—MARY MOTTU DEVER, MARY EMMA GROSS.

*Supervisor of Physical Science.*—ALEXANDER BROWN,† JOSÉ DANIEL CRESPO, JAMES CLYDE MOORE.

*Teacher of Physical Science.*—LEON TERRY.

*Supervisor of Religious Education.*—FRANCIS RAYMOND CASSELMAN ELVA MAY DRAKE.

*Teacher of Religious Education.*—MARIAN WAKELEE GARDNER, AURIE HOLLINGSWORTH LANCASTER, MARY AGNES WILSON.†

*Masters Diploma in Education.*—RUSSELL HALL ALLEN,\* GLENN BARTLETT,\* WILLARD WILLIAM BARTLETT,† CHRISTINE KATHARINE BECKER, JULIUS C. BERKMAN, JOSEPHINE GENEVIEVE BESAW,\* BENJAMIN H. BIRNBAUM,\* ISABELLA MATHER BLAKE, ARVA ERASTUS BLEND,† MARY MYRTLE BROOKE,\* PAUL S. CARMICHAEL, ARTHUR T. CARR,\* GEORGE EZRA CARROTHERS,† PENG CHUN CHANG, ISRAEL SOLOMON CHIPKIN, BERTHA WINIFRED CLARK, MARION LEE CLOYS,† ZAROUHI TOROS DEMIRJIAN, HOMER BLOUNT DICKEY,\* FRANK BROWN DILLEY,\* ALMA A. DOBBS,\* HIRAM W. DODD,\* HAZEL DONHAM,† WALTER EVAN ERVIN,\* EDITH KATHARINE GREENLEE,\* RACHEL ELIZABETH GREGG,\* MARY MAGRUDER GUILBEAU, HENRY HAMANN,\* GEORGIANA HAMEL, GADARINE HARONIAN,\* BENJAMIN FRANKLIN HAUGHT,\* CORNELIUS J. HEATWOLE,\* JAY ROMAINE INMAN,\* TUK SU KIM, LEWIS CASS KING,\* PHILIP KLEINMAN,\* HENRY JAMES KLINE,\* EDWARD KURTZ,\* ANNA

\* October, 1914.

† February, 1915.

LAMPORT,\* ELEANOR HOWELL LITTLE, CAROLINE ELIZABETH LOGAN, GRACE MARGARETTA LUCAS, WILLIAM ANDERSON McCALL,\* MALCOLM ROSS McELROY,\* ANNA L. MCGOLDRICK, WARREN MARTS,† EUGENE SIMON MAYER,† ABRAM BROWN MILLER,\* ALICE ELIZABETH PAULSEN, FLORENCE ADA PINKHAM, AMANDA B. RUSSELL,\* HOMER NELSON SIMPSON, EDWARD EHRLICH SMITH, MATTHEW DINSDALE SMITH,† L. WALTER STEPHENS, BEATRICE BACH STUMPF,† EUGENE ELLIS VANN, ANITA E. VAN VLIET,† LEMUEL W. VAN SCHAICK,† EVA HARRIET WACHTELL, JESSE CRAWFORD WALLER,\* BESS LILLIAN WAMPLER, BLANCHE WYLIE WELZMILLER, WALTER ELWOOD WILCOX, SAMUEL CLAYTON WITHERS,\* ALGAR WOOLFOLK.\*

*Diploma in Education: Awarded in connection with the degree of Bachelor of Science: Principal of Elementary Schools.* — HAZEN CHATFIELD.

*Supervisor of Elementary Schools.* — FLORENCE EILAU BAMBERGER,† IDA MAY BENNETT, CHARLES R. CHINN, HARRIET SEAVER HAYWARD, EDITH ANNA HILL, FRANCES JENKINS, MARY FRANCES SCHAEFFER.

*Teacher in Elementary Schools.* — MARY D. LAPHAM, ELEANOR PARKER STARK.

*Supervisor of Kindergartens.* — MARION BRIDGE BARBOUR, ANNE SEYMOUR BLAKE, MATHILDA BUSICK, MILDRED M. G. CHEN, MARION STUART HANCKEL, GAIL HARRISON, YOEHINGOO T. LEW, HELEN MAYA DAS,† BERTHA BARBARA SCHWABLE, ISABELLA MARY STATHAM.

*Teacher in Kindergartens.* — EMMA HOERMANN.

*Critic Teacher in Normal Schools.* — HARRY ALONZO SPRAGUE.\*

*Supervisor of Primary Schools.* — INA BEST, EVA A. GRANT, MARION STUART HANCKEL, SARA JANE MORRISSEY, FRANCES MINERVA SMITH.

*Supervisor of Rural Education.* — MARIE KATHERINE SCHOENHALS.

*Superintendent of Schools.* — JOHN CAYCE MORRISON.

*Teacher of Biology.* — MABEL FLORENCE CAIN, ANNA MARY SNYDER.

*Teacher of English.* — NELLIE FLORENCE BASH,\* MILDRED A. BOARDMAN,† GRACE ELIZABETH BRECHT, MARGUERITE BEATRICE CHILD, LUCY DICKINSON, MARY CAROLINE DURKAN, BERTHA CLEMENCE GOLL, ESTELLE MARCY HALLOCK, LETITIA C. HART, M. MAUDE HART, ROSE CATHERINE HARTMAN, MARGUERITE HONEYWELL, TOKI IWASAWA, MARY CATHERINE KEITH,† DOROTHY LEAH KUBIE, EFFIE LOUISE LEWIS,† ISIDORE J. LICHT, BLANCHE ISABEL LOUDON, HELEN FRANCES LYONS, MARY BELLE MCHENRY, ANNA ELISABETH MOORE,† MADELEINE MOUTRAY, NORA BURKS PAYNE, AMY IRENE SHAW, VIOLA LOUISE TOMPKINS, ETHEL WHIPP, MARTHA ELIZABETH WINFIELD.

*Supervisor of Fine Arts.* — ELIZABETH M. BARKLEY, ELSIE EMILY BEHRENS.

*Teacher of Fine Arts.* — MINNA McLEOD BECK,\* DOROTHY WOLFSON BERLINER,† BELLE BOAS, FERN V. BOOTH, GERTRUDE R. CAULFIELD, ROSE FRANK, MARY ELIZABETH GALE, ELEANOR GERTRUDE HADSELL, CONSTANCE ELEANOR LAW, LUCILA MERCADO, ANITA THEODORE MEYER, MARTHA ALBERTA MONTGOMERY, MARY ELLEN RAGAN, EMMA KENT ROOT, LEIGHTON V. SMITH, AMY MARGARET SWISHER.

*Teacher of Geography.* — BESSIE LLEWELLYN CORKEY, HILDA GILLET.\*

*Teacher of German.* — CLARA EMILY BARDENHEUER, ELEANOR ROSALIE BAZZONI, JESSIE GROF, SOPHIE P. HOLZ,† CAROLINE KREYKENBOHM,\* WALTER J. MULLER, BETTY SCHRAGENHEIM, CHARLOTTE WILHELMINE STOBAUGH.

*Teacher of History.* — MILDRED V. BENNETT, FRANCES BLUMENTHAL,† HATTIE ETNA BURCH, FLORENCE BARNES CRUTTENDEN, HELEN FLORENCE

DAVOL,\* HELEN ELIZABETH FORSHEW, IRA C. GREENBURG, MARGARET HAMERIK HOLMES, DOMINIC P. HUNT, BERYL INGLIS, ALMEDA MAY JANNEY, MARY McDERMOTT, BERTHA NORTHWOOD, EDNA MAY WEBER, ANN AGNES WILSON.

*Supervisor of Household Arts.* — JEAN COX, ADAH HENRIETTA HESS, ALMA GRACE JOHNSON, CHRISTIANA HENRIETTA KOLSHORN, SARAH LOGAN ROGERS.

*Teacher of Household Arts.* — ELSIE MARGUERITE ALLEN, MINNIE AMELIA ANDERSON, BERTHA CLAIRE AVERY,\* OLIVE ADELE BALCKE,† ETHEL ANNA BARRETT, LENA WAKEFIELD BARRUS, NELLE BATCHELOR, SARAH BEST,\* AGNES FARRAR BETTS, MARGUERITE BETTS, AGNES MacKAY BEVERIDGE,† ANNA BICKNELL, ZAIDEE ELIZABETH BONNEY,\* JENNIE SELFRIDGE BOYD,† BLANCHE A. BRADLEY, RAY NEWLAND BRAUS,† PHOEBE BULL, HELEN CANON, ALICE F. E. CARLETON, KITTIE ROSE CARLISLE, GUDRUN CARLSON, EDITH PITT CHACE, LAURA JEAN CHENEY, EDITH ESTELLE CLAXTON, HELEN COOMBS, LILLIE HENRIETTA DAHLGREN,\* CHARLOTTE ELIZABETH DE GOLYER, AGATHE DEMING, CARRIE ALICIA DICKSON, LOUIE ELEANOR DICKSON,† MYRA GRACE DUTCHER, MARGARET CECIL EMBRY, JULIETTE ENDLY,† MARGARET BINNEY FAIRFIELD, MARGARET LOUISE FARRELL, NELL C. FIELD, GENEVIEVE FISHER,\* LAURA HARRIET FRENCH, CARA LESLIE GARDINER,† HAZEL LOUISE GARRETT, JEANNETTE GARRETT, AMY R. GOTT, BESSIE GRISCOM,† CONSTANCE C. HART, HELEN CURTIS HAVENS, MARY MARGARET HERETH, FLORA HEROLD,† ZADA ESTHER HERRICK, DOROTHY MARION HOPE, MAUDE GERTRUDE HOSTETTER, MARGARET JUSTIN, ETHELYN LA GRANGE, ANNE FLORENCE LEGATE, DOROTHY MAY McFARLANE, ANNA McMILLAN, GERTRUDE McMILLAN, KATE KING MARTIN, BLANCHE GENEVA MASON, MARIAN WAKELEY MINER, MAY KATHRYN MÜLLER, MARGARET ISABELLE MUNRO, GERTRUDE DORIS NELSON,† KATHARINE PATTESON, ANNA HARRIET PEACH, JULIA HOLBERT PIERPONT,† MINNIE PRICE, AGNES MARGARET PUDDINGTON, MARY HARBISON RALSTON, GRACE GARDNER REEVES, HELEN KNIGHT ROGERS, SARAH LOGAN ROGERS,† LILLIE SCHLOEMAN, MARGARET SCHMIDT, FLORENCE IRMA SCHWARZ, JESSIE MAY SCOTT, HANNAH C. SHERMAN, JENNIE SHIELDS, KATHLEEN CRAIG SMITH, IONE MARGUERITE SONN, CHRISTINE NORAD SOUTH, SARAH STARR,† ALICE GORDON STODDARD, MARY ANNA TAYLOR, HENRIETTA TREDWELL, JENNIE LOUISE TRIPP, HELEN MARGARET TRULAND, EVA MEBANE WALTERS, INEZ WARD, ANNA E. WESSNER, ADA LOUISE WHITNEY, EDITH WILSON, JET CORINE WINTERS, ANNA MARIE WOLF.

*Supervisor of Industrial Arts.* — SUSAN LYDIA BYRNE, ROBERT MILTON HALL, HERBERT ALLEN McKEAN, CHARLOTTE BAXTER RICHARDSON.

*Teacher of Industrial Arts.* — ANNA LATOURETTE BLAUVELT, LISA OSTERHOLM,\* MARY LOIS SMITH,† JESSIE CROCKETT WALKER.

*Teacher of Latin.* — ROSE MILDRED GOLDBLATT,† ROSE CATHARINE HARTMAN, MABEL WHARTON LEFTWICH,\* SARA ROWLAND LULL, CORA FLORENCE MACDERMAND, HELEN EDITH MOSHER,† LENORA ELMINA WALKER.

*Supervisor of Mathematics.* — GERTRUDE SILVER.

*Teacher of Mathematics.* — BEATRICE ELIZABETH BESANÇON, MARGUERITE BETTS, ELSIE AGNES BUCHANAN,\* ABBIE MABEL FELLOWS,\* EMMA ESTELLA FICHTHORN, FRANCES C. FISBECK; ISRAEL GOODMAN,\* NATALIE LANCASTER, THERON LINCOLN McKNIGHT, VIDA MAE MOREHOUSE, LAURA L. HURD ROSS,\* JACOB A. ROTHENSTEIN, NORMA RUTH SCHAEFER,† MARTHA SCHOTT, ANNA MAY SECHLER,\* JOSEPH SEIDLIN, CARL NATHANIEL SHUSTER, NINA ELMIRA WASHBURN.

\* October, 1914.

† February, 1915.



*Supervisor of Music.* — ALMA MARGARET NORTON.

*Teacher of Music.* — GLADYS HOLDEN SMITH, HELEN MELISSA SMITH.

*Superintendent of Nurses and Principal of Training Schools.* — GRACE EVELYN ALLISON, ISOBEL MILNE FLEMING.

*Instructor and Supervisor in Schools of Nursing.* — HJÖRDIS EKLUND, MARY ELIZABETH ROBINSON.

*Supervisor of Hygiene and Physical Education.* — FRANCES JOSEPHINE MCGOUGH.

*Teacher of Hygiene and Physical Education.* — NAIDA LOUISE CURTIS,\* ELLA CARA DELORIA, DOROTHY DODGE, EMIL GOLLUBIER,† HARRIET ELIZABETH HEATH,\* HARRY LEOPOLD LUFT, APPLETON ADAMS MASON,\* ALICE EUNICE PENDERY, ISABEL FITZ RANDOLPH, ROSE SNOW,\* PHILIP SUMNER SPENCE.†

*Supervisor of Play and Playgrounds.* — FRANCES JOSEPHINE MCGOUGH.

*Teacher of Physical Science.* — JANE MAXWELL ABBOTT, HERBERT GRANT, BERTHA ELIZABETH HALL, RUTH PENMAN HANN, HENRY VALENTINE HESSELBACH,\* MARTHA CAMPBELL JENKINS, EMMA LOUISE KEMP, IRA PRESTON MACNAIR, M. EVELYN PECK, LEWIS GARRISON SMITH, FREDERICK WILLIAM WÜLFING.

*Teacher of Religious Education.* — FRANCES MARION KNAPP, AURIE HOLLINGSWORTH LANCASTER.

*Teacher of Rural Education.* — FANNIE WYCHE DUNN.†

*Teacher of Spanish.* — ANITA THOMAS.†

*Teacher of Speech.* — CORA E. EVERETT.

*Bachelor's Diploma in Education: Elementary Education.* — CAROLINE COHN,\* KATHARINE C. R. ENGLISH, TERESA AGNES GOODWIN,† MARGARET MARY RABY, BENJAMIN ROSEN.

*Elementary Supervision.* — CARRIE MAY BARSKE,\* ERNA LUCIE BEHNKEN, EMMA ELIZA CAMPBELL,† KATHERINE ELIZABETH CORBETT, SUSIE MARIE GAMMON, MAUD KEATOR,\* PAUL ALFRED KENNEDY, HANNAH AMANDA KIEFFER,† IU CHEUNG LAM, HELEN MARGUERITE MELVIN, EDITH WINIFRED MOSES LUCY ALLEN WARBURTON.

*Fine Arts.* — CAROLINE E. ALDEN.†

*French.* — CECILIA CATHERINE GILLMORE, HAZEL MAY ROGERS.

*German.* — JULIA GOLDMANN, EDMUND THOMASER.\*

*History.* — NELLIE CHAMPAIGN,\* JACOB DAVID EHRENREICH.

*Household Arts Education.* — ESTHER NAOMI BEISWANGER,\* VICTORIA GERTRUDE BISHOP,\* SUSIE BLAKEY,\* BLANCHE A. BRADLEY, ALICE EDITH CLARK,\* HELEN COPELAND COOMBS,\* DOVE VALERIA EBERLE, EMMA FRANCIS,\* ALFARETTA MAY HALE, LILLIAN S. HYDE, EDITH MARION MASSEE,\* FRANCES JOSEPHINE MOOK,\* CLARA LOUISE PERRY,\* TESSIE L. SAVAGE, MABEL BARBARA TRILLING,\* MAE LAVINIA WELLS,\* MARTHA LILIAN WESTFALL,† LELA WOOD.

*Supervision of Industrial Arts.* — EDWARD MICHAEL BRODERICK,\* WILLIAM HARRIS MERRIMAN.†

*Industrial Arts.* — JOHN LLOYD TAYLOR.\*

*Kindergarten Supervision.* — MARY HELENE KNEIP, JEANIE PATERSON SLIGHT.\*

*Latin.* — MAUDE G. SAYERS.\*

*Mathematics.* — SARA CALLEN,\* LAURA ELIZA CLEMENTS,\* JENNIE DOROTHEA EHLERS,† ISIDORE GINSBERG,† HENRY GALEN GLASSER,\* THOMAS J. KALLIGAN,\* LEON FRANK PASZEK, ALEJANDRO TAPIA.†

\* October, 1914.

† February, 1915.

*Supervision of Music.* — LETITIA ALINE BURNHAM, ALTA A. POLLEY, LOUIS FRANCIS WEST.

*Music.* — FLORENCE LUCY ANDRUSS, M. LOUIS MOHLER.\*

*Physical Education.* — ANNA BUTTON ERDMAN.

*Physical Science.* — ALEXANDER BROWN,\* JOSÉ DANIEL CRESPO,\* JOHN NEWTON GRAY.\*

*Primary Supervision.* — CARRIE E. M. BURKS,† LUCILE WOOD FERGUSON,\* ANNE ENGLISH NEER.

*Secondary Education.* — ROBERT CHARLES SCHWAN.†

## PHARMACY

**Pharmaceutical Chemist:** (October, 1914) LEWIS N. BROWN, Ph.G.; JOSEPH GOLDSTEIN, Ph.G.; MORRIS R. LEVINE, Ph.G.; LOUIS V. MANGO, Ph.G.; JEROME H. MARTUS, Ph.G.; JOSEPH J. TELL, Ph.G.; SIMON WANDERMAN, Ph.G.; CHARLES WEINREB, Ph.G.

[8]

**Doctor of Pharmacy:** JOSÉ EVENOR ARGÜELLO, Ph.C., Ph.G.; SHALEM E. POSIN, Ph.C., Ph.G.

[2]

## MASTERS

**Master of Art:** EMILY MILDRED ABBOTT, A.B. Oberlin, 1903; LOUISE ELIZABETH WHETENHALL ADAMS, A.B., 1914; SISTER MARY ADELAIDE,\* A.B. Winona Sem., 1911; ANNA MARIA ADIKES, A.B., 1914; FREDERIC ARLINGTON ALDEN, B.S. Dartmouth, 1913; BELLE JANE ALLEN, Litt. B. Ohio Wesleyan, 1883; M.D. Boston, 1904; RUSSEL HALL ALLEN,\* A.B. DePauw, 1906; WILLIAM SIMS ALLEN, A.B. Baylor, 1912; PHILIP REIS ALSTAT, A.B., C. C. N. Y., 1912; THOMAS HOPKINS ALVORD, Ph.B. Hamilton, 1912; BHIMRAO RAMJI AMBEDKAR, A.B. Bombay, 1913; JOHN GARFIELD ANDERSON, A.B. Amherst, 1905; VERA ANDREW, A.B. Western Reserve, 1905; HANNAH DUNLOP ANDREWS, A.B. Smith, 1904; SOPHIE TOWNSEND ANDREWS, A.B., 1914; ALEXANDER KARL APISDORF, B.S., C. C. N. Y., 1913; SHIGERU ARAKI, ARTHUR HAMMOND ARMSTRONG, A.B. Yale, 1912; EDNA FRANCES ASTRUCK, A.B., 1914; JENNIE GABRIELLE AUERBACH, A.B., 1913; JOHN CLARK BAKER,† B.S. Upper Iowa, 1910; FLORA E. BALCH, B.S., 1909; LYDIA RAY BALDERSTON, B.S., 1911; ALICE CARY BALDWIN, A.B. Wellesley, 1890; WILLARD ALGER BALLOU, B.S., 1913; INA GRACE BARNES, A.B. Wesleyan (West Va.), 1911; CARLYLE REGINALD BARNETT, B.S., 1913; JOSEPH BARON, A.B., 1914; ALBERT S. L. BARRETT, A.B. Iowa State, 1911; EDNA MELVINA BARROWS, A.B. Oberlin, 1905; GLENN BARTLETT,\* B.S., 1911; WILLARD W. BARTLETT,† B.S. Colgate, 1910; HARRIET MANLEY BEALE, ALMA KATHARINE BECKER, A.B. Marietta, 1912; CHRISTINE KATHARINE BECKER, A.B. Smith, 1914; ELSA BEHR, B.S., 1902; IRENE S. BIER, A.B. Vassar, 1913; DONALD RAY BELCHER, A.B. Kalamazoo, 1909; EFFIE BENDANN, Ph.B. Chicago, 1914; RAYMOND CASPAR BENDER, A.B., 1914; JULIUS CHARLES BERKMAN, LAWRENCE H. VAN DEN BERG,\* B.L. Michigan, 1898; ABEL TROOD BIDWELL, U. S. Naval Acad., 1908; ARTHUR WILLIAM BILLING, A.B. Nebraska, 1905; HARRY BIRCHENOUGH,\* A.B. Cornell, 1905; ISABEL MATHER BLAKE, A.B. Middlebury, 1905; ROSE BLAND, A.B. Illinois, 1909; ARVA ERASTUS BLEND,† B.S., 1907; ELIZABETH HOWE BLISS, A.B. Smith, 1908; WILLIAM OSCAR BLOUNT, A.B. Baylor, 1914; OSCAR HENRY BODEN-

\* October, 1914.

† February, 1915.

HORN, A.B. Allegheny, 1912; JOHN O'NEILL BOMER, JR., B.S. Vanderbilt, 1913; RAYMOND TOSTEVIN BOND, A.B. Wesleyan, 1914; CLAUDE A. BONVILLIAN, U. S. Naval Acad., 1912; RUSSELL G. BOOTH, A.B. Illinois Wesleyan, 1914; ALICE CAROLINE BOUGHTON, B.S., 1914; HAROLD GARDINER BOWEN, U. S. Naval Acad., 1912; ORLANDO CURTIN BOWES, \* B.S. Penn. State Coll., 1909; HARRIETT BRADLEY, A.B. Vassar, 1913; BENJAMIN BRAVERMAN, B.S., 1914; LOUISE BRAYTON, A.B. Michigan, 1901; HENRY BRENNECKE, A.B., 1914; JOHN HARPER BRENT, \* A.B. William and Mary, 1909; WILLIAM MAYO BRODIE, \* B.S. Va. Poly. Inst., 1901; M. E., 1902; ANNA ORR BROMLEY, B.S., 1914; MARY MYRTLE BROOKE, \* A.B. Nashville, 1894; JOSEPH JOHN BROSHKE, U. S. Naval Acad., 1913; ALEXANDER BROWN, † B.S., 1914; M.D. Flower Hosp., 1909; CORINNE BROWN, B.S., 1914; ETHEL LIONELLE BROWN, † B.S., 1913; A.B. Adelphi, 1913; ROBERT BERTRAND BROWN, A.B. Oberlin, 1912; ANNE GOODLOE BROWNE, A.B., 1914; BRYSON BRUCE, U. S. Naval Acad., 1911; ROBERT WILLIAM BUCK, A.B. Butler, 1914; CORNELIUS HARDY BUFORD, A.B. Vanderbilt, 1913; SOPHIE IDA BÜLOW, A.B., 1914; PIUS E. BURNS, † A.B. Kirksville, 1911; ALFRED BENJAMIN BUTTS, B.S. Miss. Agr. and Mech. Coll., 1911; M.S., 1913; MERLIN TAYLOR CALEF, B.Sc. Oregon State Agr. Coll., 1911; FLORENCE WILDER CAMPBELL, † A.B. Mt. Holyoke, 1901; RUTH WEST CAMPBELL, A.B. Wilson, 1906; IDA MARY CARPENTER, A.B. Toronto, 1909; ARTHUR T. CARR, \* Ph.B. Mt. Union, 1909; JOSEPH WILLIAM CARROLL (and the Consular Certificate), A.B., 1913; GEORGE EZRA CARROTHERS, † A.B. Indiana, 1909; WORRALL REED CARTER, U. S. Naval Acad., 1908; MARTHA CASAMAJOR, A.B. Adelphi, 1904; FRANCIS RAYMOND CASSELMAN, A.B. Friends Univ., 1911; B.D. Union Theo. Sem., 1914; LOUISE E. CATLIN (Mrs.), A.B. Smith, 1881; A.M., 1884; MARGARET UPTON CAVE, A.B. Kansas State Normal, 1913; GEORGIA ANGELA CEROW, † A.B., 1912; PENG CHUN CHANG, A.B. Clark, 1913; ALEXANDER MARK CHARLTON, U. S. Naval Acad., 1908; ALTA BLANCHE CHASE, A.B. Michigan, 1909; CLAIR VINCENT CHESLEY, A.B. Bates, 1912; ISRAEL SOLOMON CHIPKIN, B.S., 1913; LOH CHU, A.B. Wisconsin, 1913; AMELIA ELIZABETH CLARK, A.B. Elmira, 1914; BERTHA WINIFRED CLARK, A.B. George Washington, 1902; CHARLES ROBERT CLARK, U. S. Naval Acad., 1906; EDGAR CLIPPINGER, A.B. Doane Coll.; A.M. Nebraska; HARVEY BARNETT CLOUGH, A.B. Amherst, 1906; MARION LEE CLOYS, † B.S. Vanderbilt, 1912; ARCHIE AUSTIN COATES, \* A.B., 1913; SCHAMYL COCHRAN, U. S. Naval Acad., 1913; MIRIAM STORRS COE, B.S. Smith, 1899; GERTRUDE COIT, A.B. Smith, 1913; MARSHALL COLLINS, U. S. Naval Acad., 1908; JOHN PRESTON COMER, A.B. Trinity (Texas), 1907; JUDITH CECILIA CONKLIN, \* A.B., B.S. Coll. of St. Elizabeth, 1912; JOSEPH HARRISON CONZELMAN, B.S. Brown, 1912; HELEN COPELAND COOMBS, A.B., 1911; B.S., 1914; CLARENCE RAYMOND COREY, E.M. Montana Sch. of Mines, 1905; EDNA D. CORYELL (Mrs.), B.S., 1914; NANCY GILLMORE CORYELL, A.B., 1914; BENJAMIN ROSS COWGILL, B.L. Ohio Wesleyan, 1911; GENEVIEVE LENORE COY, B.S., 1913; CATHERINE ETHEL CRADDOCK, A.B., 1913; MIRIAM WILLARD CRAGIN, A.B. Smith, 1912; LAURA BISHOP CRANDON, A.B. Smith, 1899; WILLIAM CLARK CRAWFORD, A.B. Pomona, 1913; JOSÉ DANIEL CRESPO, B.S., 1914; WILLIAM RANSOM CROWELL, B.S. Mass. Inst. Tech., 1904; HARLEY IRWIN CROYLE, A.B. Drake, 1913; CARL FREDERICK CRUSIUS, B.D. Hartford Theo. Sem., 1909; B.D. Union, 1914; ARTHUR ROLAND CUMMINGS, \* B.S., 1912; PHILIP R. V. CUROE, † B.S., C. C. N. Y., 1913; ZULA LEE CURRY, A.B. Mississippi State, 1908; CHARLES DWIGHT CURTISS, B.S. Michigan Agr. Coll., 1911; BENJAMIN WILLIAM DAILY, A.B. Baker,

\* October, 1914.

† February, 1915.

1908; MAIDA CASTELHUN DARNTON,\* B.L. California, 1894; FREEMAN DAUGHTERS, B.D. Phila. Divinity Sch., 1903; CHESTER PAUL DAVIS,† A.B. Southwestern, 1912; HENRY F. D. Davis, U. S. Naval Acad., 1908; ZAROUHI TOROS DEMIRJIAN, A.B. Constantinople, 1909; MARY MOTTU DEVER, A.B. Goucher, 1912; LOUIS DEWITT DEYO,† B.S., 1906; HOMER BLOUNT DICKY,\* A.B. Indiana, 1908; ALFRED LEO DIEBOLT, B.S., 1915; FRANK DIEHL,† Ph.B. Michigan, 1900; B.D. Union Theo. Sem., 1903; FRANK BROWN DILLEY,\* A.B. Miami, 1907; ALMA A. DOBBS,\* B.S., 1912; HIRAM W. DODD,\* Ph.B. Yale, 1908; EDWIN CALVIN DODSON,\* A.B. Indiana, 1904; HARRY GORDON DONALD, U. S. Naval Acad., 1908; HAZEL DONHAM,† A.B. Bates, 1903; WALTER JAMES DONVAN, B.S. C. C. N. Y., 1908; PAUL HOWARD DOUGLAS, A.B., Bowdoin, 1913; EDGAR JACOB DRACHMAN, A.B., C. C. N. Y., 1912; JULIUS DRACHSLER, B.S., C. C. N. Y., 1912; ELVA MAY DRAKE, A.B. Defiance, 1914; JOHN HAROLD DUBOIS, A.B. Whitman, 1914; DAVID F. DUCEY, U. S. Naval Acad., 1908; HELEN ELIZABETH DWYER, A.B., 1914; HORACE T. DYER, U. S. Naval Acad., 1913; THEODORE HILDRETH EATON, A.B. Harvard, 1900; FAITH EDWARDS, B.S., 1913; HELEN EDITH ELFERS, A.B. Western Reserve, 1912; LURA BOYD ELLINGTON,† A.B. Ind. Inst. Miss., 1906; BEULAH NOWLAND ELLIS (Mrs.),\* Ph.B. Chicago, 1908; HENRY WOLFGANG ELSASSER, B.S., 1912; E.E., 1914; CHARLES ELSTEIN, A.B., 1914; PURLEY CLARENCE EMMONS,\* A.B. Indiana, 1900; LOUIS M. EPSTEIN, B.S., 1911; Rabbi Jewish Theol. Sem., 1913; JOSEPH S. EVANS, U. S. Naval Acad., 1908; OSCAR LUDVIG EVENSON,† B.S. St. Olaf, 1905; MARY ELIZABETH EYSTER, A.B. Wilson, 1912; EDWIN ALBERT FALK, B.S. Pennsylvania, 1913; HELEN HARMON FARIS,\* A.B. Wooster, 1895; JESSIE VIOLET FARR, A.B. Indiana, 1909; LEO WOODBURY FARRAR,\* A.B., 1906; FERNE DENNISON FARVER,\* A.B. Grinnell, 1910; HAROLD UNDERWOOD FAULKNER,† A.B. Wesleyan (Conn.), 1913; LOUISE GENEVIEVE FELLOWS, A.B. Middlebury, 1911; HENRI RABB FERGER,† B.S. Princeton, 1910; WILLIAM HENRY FERNSCHILD, A.B., C. C. N. Y., 1911; LIVIA ELLA FERRIN, A.B. Pacific, 1906; ANNA HERMINE FINK, A.B. Adelphi, 1912; DANIEL MOORE FISK, B.S., 1910; FRANK FITT, A.B. Williams, 1911; B.D. Union Theo. Sem., 1914; SISTER MARY XAVIER FITZGERALD,\* A.B. Coll. of New Rochelle, 1909; FLORENCE A. FONDA, LOUIS RANDOLPH FORD, RACHEL MOORE FRAME, A.B., 1910; VICTOR PHILIP FRANK, A.B., 1913; EMMA BELLE FRENCH,\* A.B. Baker, 1904; CATHARINE CARRIE FRIES, A.B., 1915; LORENA LEE FRIES, A.B. West Virginia, 1909; NORMAN FROST,\* A.B. Oberlin, 1909; WILLIAM CLINTON FRY, JR., C.E. Lehigh, 1913; JOSEPH RICHARD FULK A.B. Nebraska, 1903; A.M., 1912; WILLIAM REA FURLONG, U. S. Naval Acad., 1898; SUSIE PRISCILLA GABRIEL,\* A.B. Iowa State Teachers Coll., 1911; WALTER EDWARD GABY, B.S. Utah, 1914; JEANNETTE RACHEL GALT, A.B. Lake Forest, 1904; SARA ELIZABETH GALT,† B.S., 1908; A.B. Wilson, 1905; MARIAN WAKELEE GARDNER, A.B. Smith, 1913; HELEN GERTRUDE GATES, A.B. Mt. Holyoke, 1913; LOUIS RAPHAEL GEISLER, A.B. Oregon, 1912; GEORGE EVERETT GILL, A.B. Indiana, 1912; LUCY HOLCOMB GILLET, B.S., 1914; SAMUEL GINSBURG, A.B. Cornell, 1913; WILLARD EARL GIVENS, A.B. Indiana, 1913; MATILDA GOERTZ, A.B. Hunter, 1912; BEATRICE GOLD-SMITH, A.B. Adelphi, 1906; ELIZABETH AGNES GOODMAN, A.B. Hunter, 1913; ISRAEL GOODMAN, B.S., 1914; EDITH MILLS GORDON, B.S. Simmons, 1910; ROBERT JACOB GOTTSCHALL, A.B. Pennsylvania, 1912; B.D. Union Theo. Sem., 1915; JOHN GOWDY, A.B. Wesleyan, 1897; B.D. Drew Theo. Sem., 1902; HELEN SHOLES GREEN,† A.B. Vassar, 1912; STANLEY RIDDELL GREENE,

\* October, 1914.

† February, 1915.

A.B. Colgate, 1910; FRANK MURRAY GREENLAW,\* B.S. Mass. Inst. Tech., 1890; EDITH KATHARINE GREENLEE,\* A.B. Western Maryland Coll., 1904; RACHEL ELIZABETH GREGG,\* B.S., 1909; ANGELINA GREGORY,\* A.B. Richmond Coll., 1911; MARY AMERMAN GRIGGS, A.B. Vassar, 1908; HENRY EWART GRIMSHAW, B.S., 1914; MARY EMMA GROSS, A.B. Goucher, 1912; MARY MAGRUDER GUILBEAU (Mrs.), B.S. Louisiana, 1913; EMMA HENRIETTA GUNTHER, B.S., 1911; RAYMOND BENNETT GURLEY, Ph.B. Chicago, 1909; MARGARET HELEN HAGGART,\* B.S. Kansas State Agr. Coll., 1905; HARRIETT LOUISE HALE, A.B. Mt. Holyoke, 1900; FRANCES ADELIA HALLOCK,\* A.B. Mt. Holyoke, 1899; HILLEL HALPERIN, E.E. Liège, 1908; GEORGIANA HAMEL, B.S., 1912; PHILIP HUSTON HAMMOND, U. S. Naval Acad., 1913; WHITTIER LORENZ HANSON, A.B. Indiana, 1900; GADARINE HARONIAN,\* A.B. Amer. Coll. for Girls, Constantinople, 1912; CLARENCE PEAVY HARRIS, Chem., 1914; JAMES FRANCIS HARSHBARGER, A.B. Illinois, 1913; BYRON WESTON HARTLEY, A.B. Chicago, 1912; FRED WILLIAM HARTWELL, B.S. Syracuse, 1905; MARY MARJORIE HARWOOD, A.B. Mt. Holyoke, 1914; JESSICA JOSEPHINE HASKELL,\* A.B. Wellesley, 1902; BENJAMIN FRANKLIN HAUGHT,\* A.B. West Virginia, 1911; JANE MERWIN HAVEN, Ph.B. Chicago, 1908; CAMPBELL BRYCE HAYNES, A.B. Wofford, 1912; CORNELIUS J. HEATWOLE,\* B.S., 1908; PAUL FREDERICK HECKEL, EDWARD HOCH HEFFNER,\* A.B. Franklin and Marshall, 1911; HATTIE LOUISE HEFT,\* B.S. Louisville, 1912; M.S., 1913; HENRY JALMAR HEINONEN, B.S. Toronto, 1913; HAROLD GOULD HENDERSON, JR., A.B., 1910; JANE EFFIE HERENDEN,\* B.S., 1913; MARY HILL HERITAGE, A.B. Minnesota, 1910; LLOYD FRED HERRETT, B.L. Ohio Wesleyan, 1913; STELLA HERRON,\* A.B. Tulane, 1911; A.M., 1913; HARRY HERSHKOWITZ, B.S., C. C. N. Y., 1912; LILLIAN HERTZ,\* A.B. Hunter Coll., 1910; JOSEPH NEWTON KURTZ HICKMAN, A.B. Penn. State, 1899; A.M., 1900; ALBERT HUDGINS HILL,\* A.B. Richmond Coll., 1887; CLYDE MILTON HILL, A.B. Drury, 1910; HARRY BOOTH HIRD, U. S. Naval Acad., 1911; JACOB HOFFMANN,† A.B., C. C. N. Y., 1910; ARTHUR CORT HOLDEN, Litt.B. Princeton, 1912; MARGARET BRÜNHILDE HOLZ, CLARA KEE HORN, A.B. Lebanon Valley, 1913; RALPH BURROUGHS HORNER, U. S. Naval Acad., 1912; JEAN WINIFRED HOUGH,\* A.B. Smith, 1897; NATHAN CALEB HOUSE, B.S., 1913; MARY HARRISON HOWELL, A.B. Wells, 1896; MARY F. HUFHAM, A.B. Converse College, JOHN EDWARD HUGHES, A.B. Illinois, 1907; LOTTIE MAY HULL, B.S. Middlebury, 1903; SARAH ELIZABETH HUTTON, A.B. Hunter, 1905; WILLIAM LLOYD IMES, A.B. Fisk, 1910; A.M., 1912; JAY ROMAINE INMAN,\* A.B. Hillsdale Coll., 1905; JAMES MCCREDIE IRISH, U. S. Naval Acad., 1908; MERVIN ISAACS, A.B., C. C. N. Y., 1913; CAROLINE CHRISTINE ISAACSON, A.B. Northwestern, 1907; LOUIS R. JAFFE,\* A.B., C. C. N. Y., 1910; ALMEDA MAY JANNEY, A.B. Michigan, 1908; CORINNE MARIE JENNINGS,† A.B. St. Elizabeth, 1905; ELROY JEFFERY JENNINGS,† A.B. St. Stephens, 1912; ALFRED ANTHONY JOHNSON, B.S., 1914; DALLAS DEVELLO JOHNSON,† A.B. Iowa State Teachers Coll., 1914; MARY ELIZABETH JOHNSON,\* A.B. Kansas, 1899; DAVID WHITE JOHNSTON, JR., A.B. Georgia, 1913; FREDERICK WILLIAM JONES, B.S. Virginia Poly. Inst., 1908; A.B. Richmond, 1911; EDMUND G. JOSEPH, A.B. Pennsylvania State, 1913; JULIUS KAPLAN,† A.B. Columbia, 1914; CHARLOTTE ESTELLE KARMEL,\* A.B. Hunter Coll., 1911; RUDOLPH KASTANEK, MOLLIE KATZ, A.B., 1913; ANNIE ELIZABETH KELLEY, A.B., 1914; EDYTHE GRACE KELLY, B.S., 1914; LAURENCE FRANCIS KELLY, A.B. Royal Univ. (Ireland), 1907; B.D. St. Patrick's Coll., 1911;

\* October, 1914.

† February, 1915.

MAUDE KEMMERER, A.B. Swarthmore, 1907; ANNIE BRUNNER KEMP, A.B. Hood Coll., 1913; MARY LAURENCE KENNEDY, A.B. Erskine Coll., 1912; MARTHA MASON KENNERLY, B.S. Adelphi, 1903; CHESTER H. J. KEPPLER, U. S. Naval Acad., 1913; GEORGE LINN KIEFFER, A.B. Pennsylvania, 1909; B.D. Union Theo. Sem., 1914; TUK SU KIM, A.B. Ohio Wesleyan; LEWIS CASS KING,\* B.S., C. C. N. Y., 1908; HALE KINGSBURY, A.B. Colgate, 1913; JOHN H. KINGSBURY, A.B. Dartmouth, 1906; MORRIS EGENTON KINNAN, A.B. Princeton, 1913; PHILIP KLEINMAN,\* A.B., C. C. N. Y., 1911; CHARLES MERRIAM KNAPP, A.B., 1914; ISABEL GLEN KOSS, A.B., 1912; DAVID BERTO KRAYBILL,† A.B. Franklin and Marshall, 1911; ROSWITHA AGNES KUDLICH A.B. Swarthmore, 1913; BASIL ICHIZO KUKI, A.B. Imperial Coll. (Japan), 1906; Ph.B. N. Y. Univ., 1914; EDWARD KURTZ,\* B.S., 1912; GARIBALDI LAGUARDIA, A.B., 1914; ANNA LAMPORT,\* A.B. Hunter Coll., 1909; MARIE CONSUELO LANGDON, A.B. New Rochelle, 1913; ARTHUR LAZARUS, B.S., 1914; STANLEY MATTHEWS LAZARUS, A.B. Tulane, 1913; ADDIE LETA LEAVELL,\* A.B. Synodical Coll., Fulton, Mo., 1899; HAROLD LE COMTE, A.B., C. C. N. Y., 1904; EDWIN AUGUSTUS LEE, B.S., 1914; RANDOLPH LEIGH, A.B. Univ. of the South, 1913; ROBERT DEVORE LEIGH, A.B. Bowdoin, 1914; FRED THOMAS LENA, A.B. Dartmouth, 1907; ROSE LEVENSOHN, A.B. Hunter, 1908; TIMOTHY TINGFANG LEW, A.B., 1914; CLARENCE LESLIE LEWIS,\* A.B., 1913; JANE EMMA LEWIS, A.B. Hunter, 1906; ELSE LIEBERMANN, ELEANOR HOWELL LITTLE, A.B. Wellesley, 1908; FUNG HIN LIU, A.B. Wellesley, 1914; KING TAI LO, C.E. Rensselaer Poly. Inst., 1914; JOHANNA LOBSENZ, A.B. Hunter, 1911; LOIS ADELE LOCKWOOD, B.L. Pomona, 1908; EDWARD HILL LOFTIN, U. S. Naval Acad., 1910; CAROLINE ELIZABETH LOGAN, A.B. Wilson, 1906; CONRAD TRAVIS LOGAN, A.B. Randolph-Macon, 1910; JAMES FRANCIS LOUGHRAN, C.E. Rensselaer Poly. Inst., 1906; ROBERT TRAILL SPENCE LOWELL, U. S. Naval Acad., 1907; GABRIEL ABRAHAM LOWENSTEIN,\* B.S., 1913; FLORENCE DE LOISELLE LOWTHER (Mrs.), A.B., 1912; GRACE MARGARETTA LUCAS, Ph.B. Wooster, 1906; MABEL MADELEINE LUTES, B.S., 1906; WILLIAM ANDERSON McCALL,\* B.S. Cumberland Coll., 1911; A.B. Lincoln Memorial Univ., 1913; FLORA GEORGIA MCCARTNEY, A.B. Stanford, 1913; WALLACE MITCHELL McCLURE,† A.B. Tennessee, 1910; LL.B., 1911; HARVEY WILLIAM McCORMACK, U. S. Naval Acad., 1907; MARION WILSON MCCracken, A.B. Adelphi, 1914; HARRY REUBEN McDougall, A.B. Colgate, 1914; MALCOLM ROSS McELROY,\* A.B., B.M. Wooster, 1895; A.M., 1898; JOHN H. MCGINNIS, A.B. Missouri Valley, 1904; ANNA L. MCGOLDRICK, A.B. Adelphi, 1911; HARRIET EMMA MCKEE, A.B. Vassar, 1914; MARGUERITE LOUISE McLEAN, A.B. Wisconsin, 1907; JOHN R. McLURE,\* B.S. Alabama, 1911; FOYE FISK McNAUGHTON,† A.B. Tri-State, 1910; ELLA LOULA McNEER, A.B. Randolph-Macon Woman's Coll., 1909; MARY MacCALL, A.B. Vassar, 1898; ADA A. MacDERMATT, A.B. Syracuse, 1904; MALCOLM MACGREGOR, B.S. Union, 1905; DAVID LOWREY MacKAY, B.S. N. Y. Univ., 1909; ALEXANDER ANDERSON MACKIMMIE,\* A.B. Princeton, 1906; EGBERT CHALMER MACKLIN, A.B. Indiana, 1911; B.D. Union Theo. Sem., 1914; CARL KETRON MAHONEY, A.B. Chattanooga, 1908; JAMES MAHONEY, A.B. Emory and Henry, 1912; JUDITH MAJOR (Mrs.), A.B. Louisiana State, 1914; JAMES MANGUS, Ph.B. Hamilton, 1909; FRANK MANKIEWICZ,† ELLEN KOKEN MANN (Mrs.), A.B. Missouri, 1908; VIOLA MARPLE,\* A.B. Ursinus, 1911; JOHN MARQUARD, A.B. Cape of Good Hope Univ., 1909; JOHN COLEMAN MARRIOTT, A.B. Hiram, 1903; M.S. Ohio,

\* October, 1914.

† February, 1915.

1913; HELEN VIRGINIA MARTIN, A.B. Wilson, 1908; WARREN MARTS,† A.B. Bucknell, 1894; A.M., 1897; MADELINE EASTWOOD MAURER, A.B. Mt. Holyoke, 1914; MARK ARTHUR MAY, A.B. Maryville, 1911; Ph.B. Chicago, 1912; EUGENE SIMON MAYER,† C.E. Rensselaer Poly. Inst., 1908; ADA GEORGE MEADOWS, A.B. South Dakota, 1912; LUELLA PRICE MELOY,\* A.B. Pennsylvania Coll. for Women, 1884; CARL MELZER, A.B. Denver, 1912; A.M., 1913; HATTIE GRAY MERRILL,\* B.S. Carnegie Inst. of Tech., 1913; FREDERICK HENRY MERTEN, A.B. Colorado, 1901; JACOB G. MEYER, A.B. Franklin and Marshall, 1910; ABRAM BROWN MILLER,\* A.B. Juniata Coll., 1910; JANIE HILL MILLER, A.B. Miss. State Coll. for Women, 1908; MARY AGNES MILLER, A.B., 1908; AGNES DOROTHY MILLS, LL.A. St. Andrews (Scotland), 1914; HARRY GILBERT MITCHELL, B.S. Dartmouth, 1910; VENNETTE S. MOLLER (Mrs.), B.S. Wellesley, 1888; FLORENCE MOLLOY, A.B. Miss. State Coll. for Women, 1893; A.M., U. F. Coll., 1887; GERTRUDE MOODEY, A.B. Smith, 1911; ANNIE EGERTON MOORE, B.S., 1910; JAMES CLYDE MOORE, B.S. Harvard, 1904; MARY L. MORIARTY, B.S., 1909; TEIJIRO MORIMATSU, A.B. Doshisha, 1910; CHARLES MILTON MORSE, A.B. Yale, 1906; WILLIAM ALVIN MUDGE, B.S. Union, 1914; HENRY RICHARD MUELLER, A.B. Muhlenberg, 1909; EDITH FRANCES MULHALL,† B.S., 1914; F. ALFRED MUESER, A.B., C. C. N. Y., 1911; ADA HERMINIE MULLER, A.B., 1908; THEODORE MULLER, JEANNETTE CAMPBELL MULLIKIN, A.B. Vassar, 1914; RUSSELL WILLIAM MUMFORD, A.B. Michigan Normal Coll., 1914; CATHERINE MURRAY, A.B. Trinity (Washington), 1909; MARIE GUENTHER MUSSAEUS, A.B. Smith, 1906; JAMES RALPH MUTCHMOR, A.B. Toronto, 1913; ELEANORE MYERS, A.B., 1912; WILLIAM KOREN NAESETH, A.B. Luther, 1908; B.D. Norwegian Luth. Sem., 1912; ROBERT VON NARDROFF, A.B. Harvard, 1915; MABLE ANNORA NEAL, A.B. Washington, 1910; JOSHUA H. NEUMANN,† A.B. N. Y. Univ., 1913; JESSE H. NEWLON,\* A.B. Indiana, 1907; ALBERTA MONTGOMERY NEWTON, A.B. Bryn Mawr, 1905; JAMES HOUDEN NICOL, B.S. Minnesota, 1900; FRED ARTHUR NIMS, A.B. Washburn, 1913; A.B. Yale, 1914; KATHARINE NOBLE, A.B., 1913; ARTHUR RAYMOND OATES, A.B. Wisconsin, 1913; AGNES TERESA O'DONNELL,\* A.B., 1910; MARGARET M. A. O'DONNELL,\* A.B., 1910; PAULA FRIEDA OELLRICH, A.B., 1912; GUSTAV KVALE OSTERHUS, B.S., 1914; ALMA MINNA OSWALD, Ph.B. Chicago, 1912; SETSUJI OTSUKA, CHARLES LOUIS OTTERMANN, A.B. Cincinnati, 1906; A.M., 1908; JULIA LOUISE OWENS,\* B.S., 1911; FREDERICK LUCIUS PACKARD, A.B. Bowdoin, 1906; SHANKAR MADHAV PAGAR, A.B. Wisconsin, 1914; WALTER S. PAINTER,\* A.B. Earlham, 1904; LUELLA ANGELINA PALMER, B.S., 1906; (June, 1914); CLINTON MINDIL PANG, A.B., 1914; EFFIE MAY PARKER, Ph.B. Wooster, 1908; WALTER WINFIELD PARKER, A.B. Hendrix, 1912; ALICE T. L. PARSONS (Mrs.), B.L. Smith, 1897; WILLIAM HUBBEL PASHLEY, U. S. Naval Acad., 1908; MARY AMORET PATCHIN, A.B. Wellesley, 1906; WILLIAM ALFRED PATTERSON, A.B., 1914; ALICE ELIZABETH PAULSEN, A.B. Mt. Holyoke, 1913; MARY ALMEDA PERRY, B.S., 1914; EDOARDO PETRI, CHARLES ALPAUGH PHILHOWER, B.S. Dickinson, 1909; A.M., 1912; FLORENCE ADA PINKHAM, B.S. Bates, 1910; HAROLD H. PLOUGH, A.B. Amherst, 1913; FREDERICK JULIUS POHL,\* A.B. Amherst, 1911; DE WITT CLINTON POND, B.S. Trinity, 1908; HELENE MAUD POPE, A.B. Mt. Holyoke, 1904; DAVID CHAMBERS PORTER,† A.B. Kansas, 1904; HARVEY O. PORTZ, A.B. Wittenberg, 1913; NANCY HUFF POWELL, B.S., 1911; A.M. South Carolina, 1915; JULIA ANN POYNOR, A.B. Alabama, 1905; ETHEL WINCH PUTNEY,

\* October, 1914.

† February, 1915.

A.B. Wellesley, 1902; BOYD RANDAL,† A.B. West Virginia, 1909; EDGAR DUNNINGTON RANDOLPH,† A.B. Denver, 1911; WILLIAM HARRISON RANSOM,\* B.S. Penn. State Coll., 1910; M.S., 1913; FANNIE SOPHIA REED, B.L. California, 1903; ROBERT RAY REED, A.B. Minnesota, 1905; CLARE HILDEGARDE REESE, A.B., 1912; OTTO G. REUMANN, A.B. Syracuse, 1913; HERBERT LEROY RHOADES, A.B. Cornell, 1914; ORON ELVERT RICHARDS, A.B. DE PAUW, 1910; ZOETH RANSOM RIDEOUT,\* LEONARD ERNEST RIGHTER,\* B.S., 1913; GEORGE SEANOR ROBB, A.B. Park Coll., 1912; ELLA M. ROBERTSON, A.B. North Dakota, 1904; MAX ROESLER, Ph.B. Yale, 1905; CHRISTIAN EDLY ROGERS,† A.B. Chattanooga, 1905; LL.B., 1907; JEROME ROSENTHAL, CHARLES CORWIN ROSS, U. S. Naval Acad., 1908; ISIDOR HARVEY ROTHBERG,† A.B. Amherst, 1912; ROSS OWEN RUNNELS, B.S., 1913; MARGARET RUSSEL,† A.B. Washburn, 1913; AMANDA BIDD RUSSELL,\* A.B. Chattanooga, 1910; JOSEPH LOUIS RUSSO,† JOHNNIE WILSON RUTLAND,† A.B. Florida State, 1908; ALBERT PARSONS SACHS, Chem., 1913; MARGARET ALICE SAGENDORPH, A.B. Vassar, 1914; KEVORK AVEDIS SARAFIAN,\* B.S., 1914; ROGER BEHM SAYLOR,\* A.B. Lebanon Valley Coll., 1911; EDWARD WALDO EMERSON SCHEAR,† A.B. Otterbein, 1907; WILLIAM HENRY SCHLIFFER, Jr.,\* A.B. Adelphi, 1911; CLARA HELENE SCHMIDT,\* A.B., 1906; ANNA LOUISE SCHMITZ, A.B. Smith, 1910; JACOB SCHMUCKLER, B.S., 1914; ANNA AUGUSTA SCHNIEB,† HERBERT CLAY SCURLOCK,† A.B. Livingston, 1895; M.D. Howard, 1900; HARVEY C. SEAL, A.B. State Normal, Kansas, 1914; EDNA ALICE SEAMAN, Ph.B. Bucknell, 1908; GRACE MARIA SEATON-RODMAN, B.S., 1906; HAYNIE HATCHETT SEAY, Jr., A.B. Richmond, 1913; LAURENS HICKOK SEELYE, A.B. Amherst, 1914; GLADYS RENSHAW SEGEE, A.B., 1912; JOHN ALBERTUS SHARON, A.B. Kentucky State, 1901; SAMUEL ALEXANDER SHEAR, A.B., C. C. N. Y., 1904; THOMAS WILLIAM SHEEHAN,† Ph.B. Chicago, 1910; JOSEPH AUGUSTINE SHERIDAN, B.S., 1913; RYOSUKE SHIMATANI, A.B. Waseda, 1909; JOSEPH TWADELL SHIPLEY,\* A.B., C. C. N. Y., 1912; ROBERT LOUIS SIMKIN, A.B. Haverford, 1903, A.M., 1913; B.D. Union Theo. Sem., 1906; EDWARD BURNSIDE SIMMONS,† M.D., 1913; B.S. Colgate, 1906; KATE CAMERON SIMMONS,† B.S., 1912; HENRY SIMON,† A.B., 1914; HOMER NELSON SIMPSON, A.B. Cornell, 1909; MARY BEATRICE SINCLAIR, A.B. Minnesota, 1913; WILDY VICTOR SINGER,\* A.B. Franklin and Marshall, 1903; EMILIA FRANCES SINOPOLI, B.S., 1913; EDWARD EHRLICH SMITH, A.B. Randolph-Macon, 1906; FRANK MILTON SMITH, A.B. Pennsylvania State, 1914; GLADYS HOLLINGSWORTH SMITH, A.B., 1911; HELEN PORTER SMITH,† A.B. Smith, 1908; MARTIN WALKER SMITH, A.B. Ursinus, 1906; MATTHEW DISDALE SMITH,† A.B. Dakota Wesleyan, 1912; MEREDITH SMITH,† B.S., 1914; CHARLES CHAPMAN SNOW, B.S. William and Mary, 1912; JOHN PAUL SPENCE,\* A.M. Wake Forest, 1892; WILLIAM L. SPENCER, A.B. Williams, 1902; JAMES LELAND STANFORD, B.S. Georgia, 1907; ELLA MARIA STANLEY, Ph.B. Oberlin, 1897; A.M., 1904; THOMAS STARLING STAPLES, Ph.B. Emory, 1904; A.M., Central, 1908; EVELYN CONSTANCE STARR, A.B. Vassar, 1912; ROSA MAY STARRATT, A.B. Transylvania, 1906; A.M., 1910; SOPHIA MAYBERRY STEESE, A.B., Syracuse, 1911; LAWRENCE ADOLPH STEINHARDT, A.B., 1913; JOHN LANGDON STENQUIST, B.S., 1914; L. WALTER STEPHENS, A.B. Princeton, 1910; A.M., 1912; B.D. Union Theo. Sem., 1914; FLOYD ALONZO STEVENS, A.B. Wesleyan, 1914; HERBERT CHESTER STEVENS, C.E., 1914; MARGARET MARIA STEVENS, A.B. Elmira, 1914; ELEANOR GRACE STEWART, B.S., 1911; MARY WOTHERSPOON STEWART, A.B., 1913; RALPH RANGLES STEWART, A.B., 1911; JESSE

\* October, 1914.

† February, 1915.



WILBUR STILLMAN, B.S. Dartmouth, 1914; GEORGE MAYCHIN STOCKDALE, A.B. Wesleyan, 1910; B.D. Union Theo. Sem., 1914; DAVID LEE STONER,\* A.B. Manchester Coll. (Ind.), 1909; WILFORD LOUIS STORK, B.S., C. C. N. Y., 1912; CORNELIUS FRANCIS STRADFORD, A.B. Oberlin, 1912; BENJAMIN BERGEN STRANG, B.S., 1912; FRANK ABRAHAM STRAUSS, A.B. Cornell, 1913; PRESTON FRANKLIN STRAUSS, A.B. Franklin and Marshall, 1909; BEATRICE BACH STUMPF (Mrs.),† A.B. Colorado, 1905; LIBBIE SUCHOFF, A.B. Hunter, 1911; BEATRIX SUTTON, A.B. Vassar, 1913; JOHN R. SUYDAM, JR., Chem.E. 1912; A.B. Harvard, 1908; HAROLD JOHN PATTISON SWEENEY,† A.B. Princeton, 1912; IRENE WATERS SYLVESTER, A.B. Mt. Holyoke, 1911; THERON FRANKLIN TABOR,\* A.B. Allegheny Coll., 1902; A.M., 1905; DONALD REED TAFT, A.B. Clark, 1914; EN-SAI TAI, A.B. St. John's, Shanghai, 1913; HENRY TALMADGE, 2d, A.B. Harvard, 1899; LL.B. N. Y. Law. Sch., 1901; TSONEYING TAM, B.Ch.E. Michigan, 1914; FERDINAND TANNENBAUM, A.B. Wabash, 1912; JOSEPH JOHN TANZOLA, A.B., 1914; HOWARD CROMWELL TAYLOR, A.B. Georgetown (Ky.), 1906; A.M., 1907; ALFRED LYNCH TERRELL, A.B. William and Mary, 1905; LEON TERRY, B.S. Mass. Agric. Coll., 1912; PAUL WASHINGTON TERRY, B.S. Vanderbilt, 1909; WILLIAM WALTER THEISEN, B.S. Nebraska, 1907; LULA E. THOMAS, B.S., 1910; ERNEST TRICE THOMPSON, A.B. Hampden-Sidney, 1914; SEAL THOMPSON, Ph.B. Chicago, 1914; EVELINE AGNES THOMSON, A.B. Constantinople Coll., 1909; MILDRED LOVINA THORNDIKE, A.B. Boston, 1909; MARMADUKE K. THORNTON, JR.,\* B.S. Mississippi A. and M. Coll., 1909; KARL LUDWIG TIEDEMANN,\* A.B. Washington, 1912; JEAN TOEPLITZ, A.B. Hunter, 1913; ELIZABETH MARIE TOMPKINS, A.B. Vassar, 1899; CHARLES W. TOWNSEND, Ph.B. Wesleyan (Ill.), 1901; IDYLENE MABEL TOVEY,\* A.B. Iowa State, 1908; RALPH SCHELLINGER TOWNSEND, B.S. Pennsylvania State, 1913; ANNIE MAY TROLL, A.B. Washington, 1909; ROBERT LEONARD TUCKER,† A.B. Wesleyan, 1913; VIOLA TURCK, A.B., 1913; SARAH EDNA TWICHELL, A.B. Smith, 1909; FREDERICK ULRICH,† A.B. Washburn, 1910; LILLIE A. UMACENY,\* A.B. Hunter Coll., 1907; JEANNETTE UNGER, A.B., 1914; JONAS J. UNGER, A.B., C. C. N. Y., 1911; EUGENE ELLIS VANN, A.B. Birmingham, 1902; B.D. Vanderbilt, 1907; LEMUEL WASHINGTON VAN SCHAICK,† A.B. Colgate, 1904; ANITA ESTELLA VAN VLIET,† B.S., 1914; ANDREW VELEBIR, JR., A.B. Harvard, 1912; JOSEPH HODGEN VERTREES, A.B. Missouri Valley, 1913; MICHAEL C. VESSA, A.B., 1914; GEORGE D. VON HOFE, JR.,† B.S., 1914; HAMILTON VREELAND, JR., Litt.B. Princeton, 1913; EVA HARRIET WACHTELL, A.B. Hunter, 1914; WILLIAM HERMAN WACK,† B.S., JESSE CRAWFORD WALLER,\* A.B. Chicago, 1908; ELIZABETH WALLIS, B.L. Ohio Wesleyan, 1904; ROLAND J. D. WALTERS,\* A.B. Tri-State, 1904; BESS LILLIAN WAMPLER, A.B. Emory and Henry, 1913; MARY ANNA WARD, A.B. Brigham Young Univ., 1913; BRACE RICHARDSON WARE, JR., U. S. Naval Acad., 1907; CLARA CROSBY WARE, A.B. Bryn Mawr, 1910; ARTHUR ELBERT WATERBURY, B.S., 1912; SARAH PRESSLY WATSON,\* B.S., 1910; ROGER BURCH WEEMS, A.B. Hendrix, 1909; ISRAEL WEINSTEIN, A.B., C. C. N. Y., 1913; HARRY WEISS, C.E., 1913; DON RAYMOND WELLER, A.B. Rochester, 1912; BETTINA BORRMANN WELLS (Mrs.), HERBERT JAMES CLEMENT WELLS, LOUISE WELLS, A.B. Agnes Scott, 1911; MARGARET ELIZABETH WELLS, B.S., 1911; BLANCHE WYLIE WELZMILLER, B.S., 1911; LUCILE WHEELER, A.B. Mt. Holyoke, 1907; REBECCA B. WHITE,\* A.B. Sweet Briar, 1913; SARAH PARKER WHITE,† M.D., N. Y. Medical, 1911; MARGARET BARTLETT WHITEFORD,† B.S., 1914;

\* October, 1914.

† February, 1915.

ANNA M. WIECKING, A.B. Minnesota, 1914; WALTER ELWOOD WILCOX, A.B. Colgate, 1912; HENRY LINCOLN WILDER, B.S. Dickinson, 1909; A.B. LEBANON VALLEY, 1912; MAX HARRIS WILENSKY, A.B. Pennsylvania, 1907; LL.B. Atlanta Law Sch., 1913; CAROL SCUDDER WILLIAMS, A.B. Wellesley, 1912; CLARA M. WILLIAMS, A.B. Lake Erie, 1907; FREDERICK FRANCIS WILLIAMS, A.B. Amherst, 1899; A.M., 1905; MARY EMMA WILLIAMS, Ph.B. Wesleyan, 1899; MINERVA CLAIRE WILLIAMS, A.B. Rochester, 1906; JAMES WILMOT, B.S., 1908; EUGENE EDWARD WILSON, U. S. Naval Acad., 1908; ESTALINE WILSON, A.B. and B.S. Missouri State, 1911; MARY AGNES WILSON,† A.B. Vassar, 1913; CHARLES CLIFFORD WINDSOR, U. S. Naval Acad., 1909; SAMUEL CLAYTON WITHERS,\* A.B. Haverford, 1904; DOROTHY S. WOLFF, A.B. Bryn Mawr, 1912; MABEL PAULINE WOLFF, A.B., 1905; MILDRED WOODHULL, A.B., 1909; FRANK MEADE WOODS, A.B. Western Reserve, 1909; ALGAR WOOLFOLK,\* B.Litt. Western Reserve, 1904; BENJAMIN ALLEN WOOTEN, B.S. Alabama Poly. Inst., 1911; E.E., 1912; ORPHA EVELYN WORDEN, A.B. Michigan State, 1903; KATHARINE STEWART WORTHINTON, A.B. Goucher, 1908; SAMUEL ANTHONY WRIGHT, A.B. Illinois, 1913; SIH-ZUNG YANG, B.S. Worcester Poly. Inst., 1914; ANNA BAKER YATES, A.B. Mt. Holyoke, 1913; RUTH YOST, A.B. Oberlin, 1907; ELEANOR MAY YOUNG, A.B. Wellesley, 1910; LOIS CHRISTINE YOUNG, A.B. Western Reserve, 1910; WILLIAM HAROLD YOUNG, A.B. McGill, 1912; YIEN CHUNG ZUNG, A.B. Cornell, 1914.

[633]

Master of Laws: GEORGE H. PORTER, Ph.D., 1911; Ph.B. Ohio State, 1901; J.D., N. Y. Univ., 1912.

[1]

## DOCTORS OF PHILOSOPHY

Doctor of Philosophy.—LEVERETT ALLEN ADAMS, A.B. Kansas, 1903; A.M., 1906; Major subject: Zoölogy; CLIVE MORRIS ALEXANDER, B.S. (Chem.) Iowa State, 1911; M.S., 1913; Major subject: Chemistry; DORA ASKOWITH, A.B., 1908; A.M., 1909; Major subject: Medieval History; EVEREND LESTER BRUCE,† A.M., 1912; B.S. Queen's (Canada), 1909; A.B., 1911; Major subject: Geology; JOHN FARATA BRUNO, Licenza Liceale (Italy), 1897; Major subject: Philosophy; SISTER MARIE JOSÉ BYRNE, A.M., 1909; A.B. Coll. St. Elizabeth, 1902; Major subject: Latin; RAYMOND DuBOIS CAHALL, Ph.B. Kenyon; Major subject: Modern European History; KATE E. CHAMBERS, A.M., 1913; A.B. Bryn Mawr, 1911; Major subject: Semitics; FAY-COOPER COLE, B.S. Northwestern, 1903; Major subject: Anthropology; PAUL STANLEY COLLIER, A.B. Iowa State, 1911; A.M., 1912; Major subject: Social Economy; EARL WILLIS CRECRAFT, A.M., 1911; Ph.B. Franklin Coll., 1907; Major subject: Constitutional Law; MAX PEARSON CUSHING,\* A.M., 1912; A.B. Bowdoin, 1909; Major subject: History of Thought and Culture; CLARKE EDWIN DAVIS, A.M., 1913; A.B. Michigan State Normal, 1912; Major subject: Chemistry; PAULINE HAMILTON DEDERER, A.B., 1901; A.M., 1907; Major subject: Zoölogy; FREDERICK ARCHIBALD DEWEY, B.S. Mass. Inst. Tech., 1910; Major subject: Sociology; JOHN SMITH DEXTER,\* A.B. Ripon, 1908; A.M. Wisconsin, 1909; Major subject: Zoölogy; HORACE BOOKWALTER DRURY, A.M., 1913; A.B. Otterbein, 1910; Major subject: Economics; MACK EASTMAN, A.B. Toronto, 1907; Major subject: History of Thought and Culture; ARTHUR DONALDSON

\* October, 1914.

† February, 1915.

EMMETT, B.S. Illinois, 1901; A.M., 1905; Major subject: Biological Chemistry; JOHN CULBERT FARIES, A.M., 1913; A.B. Minnesota, 1889; Major subject: Social Economy; WALLACE B. FLEMING, A.B. Muskingum, 1894; A.M., 1896; D.D., 1912; B.D. Drew Theo. Sem., 1897; Major subject, Semitics; ROBERT STANLEY FORSYTHE,\* A.M., 1909; B.Litt. Lincoln Coll., 1908; Major subject: English; LEON FRASER, A.B., 1910; A.M., 1912; Litt. B., 1913; Major subject: Politics; VICTOR OSCAR FREEBURG, A.B. Yale, 1905; A.M., 1908; Major subject: English; JULIUS LUDWIG GOEBEL, JR., A.B. Illinois, 1912; A.M., 1913; Major subject: International Law; ROBERT RHEA GOODRICH, B.S. in M.E. Mass. Inst. Tech., 1885; B.S. in Mech.E., 1901; M.S. in E.E., 1902; Major subject: Metallurgy; FREDERICK GROSVENOR GOODRIDGE, M.D., 1901; A.B. Harvard, 1897; Major subject: Biological Chemistry; EDWARD GRAY GRIFFIN, A.M., 1911; B.S. Dartmouth, 1910; Major subject: Chemistry; KENNETH SYLVAN GUTHRIE,\* A.B. Univ. of the South, 1891; A.M. Harvard, 1897; Ph.D. Tulane, 1896; M.D. Medico-Chirurgical Coll. (Philadelphia), 1904; Major subject: Education; HERMAN KARL HAEBERLIN, Major subject: Anthropology; MARTIN HEGLAND, A.B. St. Olaf Coll., 1904; A.M. Minnesota, 1908; Major subject: Education; PHILIP KHURI HITTI, A.B. Syrian Protestant Coll., 1908; Major subject: Semitics; MILDRED ALBRO HOGE,\* A.M., 1912; A.B. Goucher, 1908; Major subject: Zoology; SAMUEL L. HOYT,† E.M. Minnesota, 1909; Major subject: Metallurgy; CHIH HSU, B.S. Illinois, 1912; A.M. Pennsylvania, 1913; Major subject: Economics; ROSCOE RAYMOND HYDE,† A.B., A.M. Indiana, 1909; Major subject: Zoology; JOHN CLARK JORDAN, A.M., 1911; A.B. Knox Coll., 1908; Major subject: English; TRUMAN LEE KELLEY,\* A.B. Illinois, 1909; A.M., 1911; Major subject: Education; BENJAMIN BURKS KENDRICK,† A.M., 1911; B.S. Mercer, 1905; Major subject: American History; ISRAEL JACOB KLIGLER, A.M., 1914; B.S., C. C. N. Y., 1911; Major subject: Biological Chemistry; ROBERT HAMILTON LOMBARD,† B.S. Mass. Inst. Tech., 1910; Major subject: Chemistry; ALEXANDER LOWY, B.S., 1911; A.M., 1912; Major subject: Chemistry; ROBERT ALEXANDER FYFE McDONALD, A.B. McMaster, 1904; A.M., 1908; Major subject: Education; CLARENCE AUGUSTUS MANNING, A.B., 1912, A.M., 1913; Major subject: Greek; ELIAS MARGOLIS, A.B. Cincinnati, 1900; Rabbi Hebrew Union College, 1901; Major subject: Semitics; MELVIN ALBERT MARTIN, A.M., 1905; A.B. Richmond Coll., 1898; Major subject: Psychology; CYRUS DEWITT MEAD, A.M., 1912; Ph.B. DePauw, 1898; Major subject: Education; JULIA POST MITCHELL, A.M., 1904; B.L. Smith, 1901; Major subject: English; CHARLES CRAIG MOOK, B.S., 1912; A.M., 1914; Major subject: Geology; ARTHUR HUNTINGTON NASON, A.B. Bowdoin, 1899; A.M., 1903; Major subject: English; DORA ESTELLE NEUN, A.M., 1913; B.S. Rochester, 1912; Major subject: Chemistry; GEORGE ADAM PFEIFFER,\* E.M. Stevens Inst. Tech., 1910; Major subject: Mathematics; CHARLES ALLEN PROSSER,† A.B. DePauw, 1897; A.M., 1906; B.L. Louisville Law Sch., 1898; Major subject: Education; PERCY WITHERS PUNNETT, A.M., 1912; B.S. Rochester, 1911; Major subject: Chemistry; GEORGE PAYN QUACKENBOS, A.B., 1900; A.M. 1901; Major subject: Indo-Iranian; EDWARD H. REISNER,† A.B. Yale, 1908; A.M., 1909; Major subject: Philosophy; EDWIN CLYDE ROBBINS, A.B. Iowa State, 1910; A.M., 1912; Major subject: Economics; ELMER B. RUSSELL, A.M., 1911; Ph.B. Vermont, 1906; Major subject: History; CAROLINE EUSTIS SEELY,† A.B., 1911; A.M., 1912; Major subject: Mathe-

\* October, 1914.

† February, 1915.

matics; FLORENCE MARY SMITH, A.M., 1908; A.M. Illinois, 1906; Major subject: English; ROBERT METCALF SMITH, A.M., 1909; A.B. Amherst, 1908; Major subject: English; NAHUM ISAAC STONE, A.M., 1901; Equiv. A.B. Gymnasium, Odessa, Russia, 1891; Major subject: Political Economy; ARTHUR PERCIVAL TANBERG, A.B. Swarthmore, 1910; A.M., 1913; Major subject: Chemistry; ARTHUR WALDORF SPITTELL THOMAS,† Chemist, 1912; A.M., 1914; Major subject: Chemistry; CLARA MILDRED THOMPSON, A.M., 1907; A.B. Vassar, 1903; Major subject: History; WARREN SIMPSON THOMPSON, A.B. Nebraska Wesleyan, 1907; A.M. Univ. of Nebraska, 1911; Major subject: Sociology; FRANCIS MAURICE VAN TUYL, A.B. Iowa State, 1911; M.S., 1912; Major subject: Geology; ABRAHAM SOLOMON WALDSTEIN,\* A.B. Harvard, 1906; Major subject: Semitics; TOSHIHARU WATARAI, Major subject: Economics; THOMAS TALBOT WATERMAN,\* A.B. California, 1907; Major subject: Anthropology; GEORGE FRISBIE WHICHER, A.M., 1911; A.B. Amherst, 1910; Major subject: English.

[71]

## HONORARY DEGREES

*Master of Arts*: REVEREND RALPH BRAUWER POMEROY, of the Class of 1898  
SIR JOHNSTON FORBES-ROBERTSON, Actor.

*Doctor of Letters*: CHARLES RANSOM MILLER, Editor-in-Chief of the New York Times

*Doctor of Science*: ROBERT STANISLAUS GRIFFIN, Rear Admiral and Engineer-in-Chief, United States Navy; ARTHUR LOUIS DAY, Director of the Geophysical Laboratory, Carnegie Institution, Washington

*Doctor of Laws*: LOUISA LEE SCHUYLER, Philanthropist; HUGH LENOX SCOTT, Major General and Chief of Staff, United States Army; BENJAMIN NATHAN CARDOZO of the Class of 1889; Associate Judge of the Court of Appeals of the State of New York; MYRON TIMOTHY HERRICK, former Ambassador to France

## COMMENCEMENT CALENDAR

May 24 — June 5 — Architectural and Bookbinding Exhibitions.

May 29 — Teachers College River Day; Barnard Senior Play.

May 30 — Baccalaureate Service, Sermon by Rev. James M. Taylor, D.D.

May 31 — Columbia College Class Day; Baseball Game, The Chinese University of Hawaii vs. Columbia; Teachers College Reception; Phi Beta Kappa Joint Meeting; Senior Thé Dansant; Phi Beta Kappa Dinner for the Columbia Section; Phi Beta Kappa Oration; Barnard College Senior Dance; Teachers College Senior Dance.

June 1 — Barnard College Ivy Day and Tea Dance; Teachers College Lawn Party; Campus Night.

June 2 — Commencement Day; Teachers College Presentation of Class Gift; Conferring of Degrees and Award of Honors; Presentation of Medal to Mr. Samuel P. Avery; Presentation of Pylon by the Class of 1890 Arts and Mines; Presentation of Crossed Hammers; Alumni Luncheons; Alumni Costume Parade; Baseball Game, Pennsylvania vs. Columbia; Barnard Alumnae Costume Parade; Alumnae Class Suppers; Alumni Beefsteak Dinner; Alumni Singing and Band Concert.

June 3 — Barnard College Class Day; Barnard Senior Banquet.

\* October, 1914.

## DEGREES AND DIPLOMAS GRANTED, 1914-1915

	Men	Women	Total
<b>A. DEGREES CONFERRED IN COURSE:</b>			
Bachelor of Arts.....	105	141	246
Bachelor of Laws.....	135		135
Bachelor of Science.....	85	8	93
Bachelor of Science in Education.....	45	312	357
Bachelor of Science in Practical Arts.....	1	18	19
Bachelor of Architecture.....	10		10
Bachelor of Literature.....	22		22
Chemist.....	4		4
Chemical Engineer.....	20		20
Civil Engineer.....	37		37
Electrical Engineer.....	15		15
Engineer of Mines.....	20		20
Mechanical Engineer.....	27		27
Metallurgical Engineer.....	6		6
Doctor of Medicine.....	85		85
Pharmaceutical Chemist.....	8		8
Doctor of Pharmacy.....	2		2
Master of Arts.....	362	271	633
Master of Laws.....	1		1
Doctor of Philosophy.....	61	10	71
Bachelor of Music.....	3		3
Total.....	1054	760	1814
Deduct duplicates <sup>1</sup> .....	12	1	13
Total individuals receiving degrees in course..	1042	759	1801
<b>B. HONORARY DEGREES:</b>			
Master of Arts.....	2		2
Doctor of Letters.....	1		1
Doctor of Science.....	2		2
Doctor of Laws.....	4	1	5
Total.....	9	1	10
<b>C. CERTIFICATES AND TEACHERS COLLEGE DIPLOMAS GRANTED:</b>			
Certificate of Proficiency in Architecture..	7	1	8
Consular Certificate.....	2		2
Bachelor's Diploma in Education.....	40	283	323
Master's Diploma in Education.....	92	134	226
Doctor's Diploma in Education.....	5		5
Total.....	146	418	564
Total degrees and diplomas granted.....	1209	1179	2388
Deduct duplicates <sup>2</sup> .....	148	415	563
Total individuals receiving degrees and diplomas	1061	764	1825

<sup>1</sup> Distributed as follows; LL.B. and A.M., 7 men; M.D. and A.M., 1 man; M.E. and A.M., 1 man; B.S. and A.M., 3 men, 1 woman.

<sup>2</sup> In addition to those noted, under Note 1, the following duplications occur: A.B. and Bachelor's Diploma, 1 man, 3 women; B.S. and Bachelor's Diploma, 3 men; B.S. in Education and Bachelor's Diploma, 38 men, 273 women; A.M. and Master's Diploma, 89 men, 132 women; Bachelor's Diploma, 6 women; Ph.D. and Doctor's Diploma, 5 men.

# FELLOWSHIPS, SCHOLARSHIPS, AND OTHER PROVISION FOR THE ASSISTANCE AND REWARD OF STUDENTS

(For awards see page 296)

NOTE. Unless otherwise provided, all stipends of Fellows and Scholars are paid in equal semi-annual instalments on the second Wednesday of each half-year. Before being entitled to receive the instalment of his stipend, each Fellow and Scholar is required to report himself in writing to the Registrar as in residence, on or before the opening day of each half-year. Failure so to report may operate to vacate the Fellowship or Scholarship.

Fellows and Scholars are required to pay the University, tuition, and degree fees, as they are prescribed by the Statutes.

## General Regulations

The following regulations apply, unless the contrary is specifically stated, to the award of all fellowships and scholarships:

In each case application in writing, on a blank prepared for the purpose, must be filed with the Secretary of the University; for fellowships and University scholarships on or before March 1, for other scholarships on or before May 1. Applications and documents received in support thereof later than these dates, or not distinctly indicating the name of the candidate and the fellowship or scholarship for which he applies, may fail of consideration. As an evidence of graduation, a printed certificate is preferable to the formal diploma itself, as there is risk that the latter may be lost or injured in transit.

The appointment is in each case for one year dating from July 1. Candidates will be notified as promptly as possible as to the success of their applications. If the applicant wishes the documents which he has submitted returned to him by mail he should enclose postage for the purpose, otherwise they will be held until called for. Documents will not be preserved for more than one year from the date of application.

All Fellows and Scholars, except, as hereinafter provided, shall reside in New York City or its vicinity during the academic year, unless permission be granted to study elsewhere. No Fellow or University Scholar may pursue a professional or technical course of study during his term.

The conditions under which the appointment may be granted are indicated in the following paragraphs:

## University Fellowships

Twelve fellowships, known as "University Fellowships," of the value of \$500, and in addition thereto the sum of \$150, or so much thereof as is necessary to pay the University and tuition fees, are awarded annually by the University Council at its stated meeting in April, to those graduates of colleges and scientific schools, not over thirty years of age, who show themselves especially fitted to pursue courses of higher study and original investigation. The candidate must give evidence:

(a) of a liberal education, such as a diploma from a college or scientific school of good repute;

(b) of decided fitness for a special line of study such as an example of some scientific or literary work already performed;

(c) of upright character, such as a testimonial from some instructor.

A Fellow may be reappointed for reasons of weight, but not for more than two terms of one year each. Vacancies will be filled in the same manner in which original appointments are made.

These fellowships are awarded as honors, and those who are so disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the list of Fellows. In such cases additional University Fellows may be appointed. Each Fellow is expected to perform such duties as may be allotted to him in connection with a course of study leading to the degree of Doctor of Philosophy. He is expected to devote his time to the prosecution of special studies under the direction of the department in which his major subject lies, and before the close of the academic year to give evidence of progress by the preparation of a thesis, the completion of a research, the delivery of a lecture, or by some other approved method. No Fellow shall be allowed to accept remunerative employment or to give instruction or assistance in any department of the University except by permission of the President, and the acceptance of any such employment, without such permission, shall operate to vacate the fellowship.

### Special Fellowships

Unless otherwise specified, the regulations as to the mode of application for the following fellowships, and the conditions governing their award and tenure, are the same as those for University fellowships. Candidates should indicate clearly upon their application blanks the fellowship for which they are applicants.

**Adams.** — The Ernest Kempton Adams Research Fellowship, founded by Edward Dean Adams, in memory of his son, Ernest Kempton Adams, E.E. '97, A.M. '98, is of an annual value of \$1250. The appointment may be made from among the teaching staff, alumni, or students of the University. The incumbent shall prosecute researches either at Columbia or elsewhere, in the physical sciences, in psychology, or in their practical applications. The results of these investigations are published and distributed by the University under the title of "Researches of the Ernest Kempton Adams Research Fellows of Columbia University."

**Alumni Association (Medicine).** — Provision is made annually by the Alumni Association of the College of Physicians and Surgeons for a fellowship, tenable for one year and of an annual value of \$650, open to graduates who have shown special aptitude for scientific research in the Department of Pathology. Appointments are made upon the nomination of the Executive Committee of the Alumni Association from candidates presented by the Professor of Pathology. Incumbents of this fellowship are expected to devote themselves to scientific research either at Columbia, where they enjoy free tuition and the privileges of the laboratories, or in other institutions either here or abroad at their own expense, and at the end of the year's work to present to the Association a thesis containing evidence of independent or original work.

**Archæology.** — The University maintains an annual fellowship in the International School of American Archæology and Ethnology in Mexico.

**Barnard.** — The Barnard Fellowship for Encouraging Scientific Research, endowed by the bequest of the late President Barnard, and of the annual value of \$412.50, is awarded upon the joint recommendation of the Faculties of Columbia College, Applied Science, and Pure Science to a graduate of any one

of them who, having shown decided aptness for physical investigation, is disposed to devote himself for some years continuously thereto. The appointment is for the term of one year, but the incumbent shall be eligible to reappointment. It is the duty of a Barnard Fellow to devote himself to the investigation of some subject in physical science at this University, or at some other in this country or abroad, under the supervision of some known physicist approved by the Department of Physics. He shall make a report certified to by the physicist superintending and directing him, giving an account of the work in which he has been engaged.

**Bridgham.** — The Samuel Willard Bridgham Fellowship is awarded annually by the University Council on the recommendation of the Faculty of Applied Science, in accordance with the usual regulations governing University Fellowships. The Fellow is entitled to receive the net annual income of the capital sum of the Samuel Willard Bridgham Fellowship Fund, amounting to \$20,000.

**Class of '70.** — The "Class of '70 Fellowship" has an annual value of \$500. It is filled by the University Council, subject to such regulations as may be prescribed.

**Columbia.** — The Columbia Fellowship in Architecture, established in recognition of the gifts of F. Augustus Schermerhorn, E.M. '68, to the School of Architecture, is open every third year, beginning with 1915-16, to all graduates of the School within the three years following graduation and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of three years of the endowment fund of \$13,000. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

**Curtis.** — The George William Curtis Fellowship is awarded for a term of two years upon the recommendation of the Faculty of Political Science in every third year, the next award being for 1916-17. The Curtis Fellow is entitled to receive the net income of the endowment of \$10,000, accruing during a period of three years, and proportionately for any part of the term. Candidates shall submit an essay or address on the "Immediate Duty of the American Citizen." The Fellow shall devote himself to the study of the science of government, with a special view to its application to the then existing condition of the United States or to the State or City of New York; and at or before the conclusion of his second year he shall publish (a) a monograph satisfactory to the Faculty of Political Science on some subject relating thereto, and (b) a brief sketch of George William Curtis as a citizen and orator, showing that he has familiarized himself with the life and character of the man whose memory is to be perpetuated by the fellowship which he has enjoyed.

**Cutting.** — The William Bayard Cutting Traveling Fellowships, founded by Mrs. William Bayard Cutting, in memory of her husband, William Bayard Cutting, LL.B. '71, A.M. '72, are awarded annually by the Trustees to graduate students who have given evidence of ability to make contributions of value to letters, science, law, medicine, or the fine arts. The fellowships are open to men who have been in residence as graduate students and candidates for a higher degree under the Faculties of Political Science, Philosophy, or Pure Science, for at least one academic year, and to graduates of Columbia University in Law, Medicine, Applied Science, or the Fine Arts who have had at least one year of additional study as graduate students in the University. In addition, not more than two members of the senior or graduating class in



Columbia College may be appointed to such fellowships in any one year. Holders of these fellowships are required to pursue their studies either in the United States or in foreign countries under such direction as may from time to time be prescribed. The stipend of each fellowship will be fixed at the time of its award and will depend upon the requirements and purposes of individual Fellows. The normal minimum stipend is \$1,000. Appointments are made by the Trustees at their stated meeting in June of each year, and the fellowships are available from July 1 following.

**Drisler.** — The Henry Drisler Fellowship in Classical Philology, established in commemoration of the semi-centennial in the service of the University of Professor Henry Drisler, A.B. '39, is of the annual value of \$650. It is open to Bachelors of Arts of this University, or some other institution of equivalent standing, who have studied Greek and Latin throughout their undergraduate course, and who have an adequate knowledge of French and German. The appointment is made by the Council on the recommendation of the Department of Classical Philology. Reappointments may be made for not more than two terms of one year each. The Fellow must study at this University under the direction of the Department of Classical Philology, unless permitted by the Council to spend a year in some foreign university, or in the American School of Classical Studies at Athens, or in the American School of Classical Studies at Rome.

**Dubois.** — The Abram Dubois Fellowship is open to a graduate of the School of Medicine who shall have satisfactorily completed a term of one year or more, the whole or greater part of which shall have been devoted to the diseases of the eye as interne in a hospital in New York, or elsewhere, approved by the Committee on Award. The award is made annually, but the holder may be continued in the fellowship, if no equally worthy candidate presents himself. The incumbent is restricted to clinical and laboratory study of the subject of diseases of the eye in foreign or American universities.

**Emmons.** — The Emmons Geological Fellowship, established as a memorial to Samuel Franklin Emmons, is awarded annually by the University Council upon recommendation of the Committee of Award who also prescribe in each particular case the amount of the stipend. Applicants for this fellowship must be qualified by proper geological training and experience to undertake the investigation of some problem in or related to Economic Geology. With the approval of the Committee this investigation may be carried on at any place or institution which may be approved by the holder of the fellowship, who must give his whole time to the problem selected, unless otherwise authorized by the Committee of Award. If for any reason the fellowship shall not be awarded in any given year, the Committee may nominate two fellows for the succeeding year or may otherwise dispose of the unexpended income of the fund for such year as it deems best, in accordance with the terms of the gift.

**Garth.** — The Granville W. Garth Fellowship in Political Economy is awarded each year by the Council on the recommendation of the Faculty of Political Science. The Fellow is entitled to receive the net annual income of the Granville W. Garth Memorial Fund of \$16,250.

**Gilder.** — Two or more Gilder Fellowships are awarded annually by the Council on the recommendation of the Faculty of Political Science to graduates of any college or university, or to students having exceptional qualifications. The Fellows shall devote themselves to the investigation of political and social conditions in this country or abroad; to the examination and analysis

of the practical working of legislation enacted for the purpose of improving civic conditions or to practical civic work, in accordance with plans approved by the Professor of Politics and the Professor of Sociology. It shall be the duty of each Gilder Fellow to make a written report at least semi-annually to such professors, giving an account of the work on which he has been engaged. Each of such Fellows shall receive such portion of the income of the Richard Watson Gilder Fund for the Promotion of Good Citizenship as the Trustees may from time to time determine, provided that a portion of the income of the fund may be set aside to meet the cost of publishing the results of the investigations and studies of such Fellows, and such publications shall bear the title of the fund. A fellow may be reappointed for two additional years.

**Goldschmidt.** — The Samuel Anthony Goldschmidt Fellowship in Chemistry is awarded each year by the Council in the same manner as University Fellowships are awarded and subject to the same regulations. The Fellow shall be entitled to receive the annual net income of \$16,250, the gift of George B. Goldschmidt, as a memorial to Samuel Anthony Goldschmidt of the Class of '71.

**Gottsberger.** — The Gottsberger Fellowship, awarded every second year, is open only to candidates who, having first taken a degree in Columbia College, have been, for not less than two years, resident graduate students at Columbia, taking also the Degree of Master of Arts. The holder may, with the consent of the professor in charge of his major subject of study, pursue his studies abroad. The Fellow is entitled to receive the net income for two years of the Cornelius Heeney Gottsberger Scholarship Fund of \$9,500.

**McKim.** — The McKim Fellowship in Architecture, endowed by gift of Charles F. McKim, is open every third year, beginning with 1916-17, to all graduates of the School of Architecture within the three years following graduation and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during a period of two years of the endowment fund of \$20,000. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

**Mitchell.** — The William Mitchell Fellowship is awarded annually by the Trustees, on the nomination of the Faculty of Columbia College, to a graduate of the College who purposes entering upon a course of advanced study in letters or science. In determining the appointment, preference is given to members of the graduating class and to graduates of not more than three years' standing. The Fellow is entitled to receive the net income of the fund of \$10,000, bequeathed by Benjamin D. Silliman, and he is permitted to study at Columbia or elsewhere.

**Mosenthal.** — The Mosenthal Fellowship, established in memory of the late Joseph Mosenthal, is designed to aid talented students of musical composition, either men or women, in the study of their art. The stipend is the net income for two years of the capital sum of \$7,500. It is awarded every even year by the Council upon the recommendation of the Department of Music, and is tenable for one year. Applicants are required to show a thorough knowledge of harmony and of counterpoint and some ability to compose, by submitting a number of original compositions in support of their applications. The holder must devote himself to the study of musical composition at Columbia, or, with the approval of the department, abroad. In the former case, he shall be required, in addition to his studies in Music, to pursue such other studies in at least two departments of the University as the Department

of Music may direct. The Fellow shall submit, at such times as may be designated, the results of his work in musical composition.

**Perkins.** — The Perkins Fellowship, established by the bequest of Willard P. Perkins, is open every sixth year, beginning with the year 1902, to all graduates of the School of Architecture within the three years following graduation, and to all matriculated students who have completed the requirements for the Thesis. The Fellow is entitled to receive the net income accruing during the previous five years of the endowment fund of \$5,700. The holder of the fellowship is required to devote the income thereof to foreign study and travel in accordance with plans approved by the School of Architecture.

**Plaut.** — The Isaac Plaut Fellowship for the encouragement of graduate study and original research in Pharmacy, established by Albert Plaut in memory of his father, is of an annual value of \$500. It is open to that Bachelor of Science in Pharmacy of the College of Pharmacy who shall have shown among the members of his class during his course of study the greatest taste and aptitude for original investigation. The appointment is made by the University Council upon the nomination of the Trustees of the College of Pharmacy. The Fellow shall attend a foreign institution to be selected by himself and approved by the Faculty of the College of Pharmacy, and shall pursue a course of study approved by the Faculty. At the close of his incumbency he shall present to the Faculty a written report of his work.

**Proudfit (Letters).** — The Alexander Moncrief Proudfit Fellowship in Letters for the encouragement of the study of English Literature, established by the bequest of Alexander Moncrief Proudfit, is open to any son of native-born American parents who shall have taken the degree of Bachelor of Arts after three years' residence in Columbia College, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made by the Council upon the recommendation of the Department of English. The Fellow is entitled to receive the net income of the sum of \$13,875. He shall carry on his studies and research at Columbia, or elsewhere, under the direction of the department named.

**Proudfit (Medicine).** — The Maria McLean Proudfit Fellowship, endowed by the late Alexander Moncrief Proudfit, A.B. '92, for the encouragement of advanced studies in medicine, is open to any son of native-born American parents, a graduate in medicine, who shall pursue advanced studies in internal medicine under the direction of the Medical Faculty of the University, and who shall, while enjoying such fellowship, remain unmarried. The appointment is made every four years by the University Council on the recommendation of the Faculty of Medicine, upon terms designated by the Faculty. The Fellow shall carry on his studies under the direction of the Faculty of Medicine.

**Schiff.** — The Schiff Fellowship in Political Science, the gift of Jacob H. Schiff, is of an annual value of \$600. The appointment is made by the Council upon the recommendation of the Faculty of Political Science, which recommendation is based upon the provision that on or before April 1 of each academic year the Faculty of Political Science shall propose to Jacob H. Schiff, while living, the name of a suitable person for nomination by him. The conditions to govern the nomination after Mr. Schiff's death will be found in the University Statutes.

**Schurz.** — The Carl Schurz Fellowship for the study of the German Language and Literature is awarded, in every even-numbered year, by the Council, upon the recommendation of the Department of Germanic Languages and Literatures. The Fellow is entitled to receive the net income for two years

of the capital sum of \$10,000, constituting the endowment contributed by citizens of New York, in commemoration of the seventieth birthday of Carl Schurz. The appointment may be renewed for reasons of weight for a further term of one year, but without additional stipend. The holder of the fellowship must remain at Columbia under the direction of the department unless permitted by the Council to study at some German university.

**Trowbridge.** — The William Petit Trowbridge Fellowship in Engineering is awarded annually by the Trustees on the recommendation of a Committee consisting of the President of the University and the heads of the Departments of Mining, Civil, Mechanical, and Electrical Engineering. The Fellow so appointed is entitled to receive the net annual income of the sum of \$10,000, comprising the Trowbridge Fellowship Fund, and is to be governed by such regulations as the Committee shall prescribe. If, for good and sufficient reasons, the fellowship is not awarded at any given time, the income may be expended for the advancement or encouragement of engineering research, as determined by the Committee of Award.

**Tyndall.** — The Tyndall Fellowship for the Encouragement of Research in Physics, endowed by Professor John Tyndall, and of the annual value of \$648, is awarded upon the recommendation of the Department of Physics either to a graduate of the University or to a student in it, who may have shown decided talent in physics, preferably to one who shall express the determination to devote his life to the advancement of theoretic science and original investigations in that department of learning. It is the duty of a Tyndall Fellow to devote himself fully to the investigation of some subject in physical science at this or some other university, under the supervision of some known physicist approved by the Department of Physics. He shall make a report, certified to by the physicist superintending and directing him, giving an account of the work in which he has been engaged.

### Annual Fellowships

The Treasurer may receive gifts of money for fellowships for one year or more, provided that no fellowship shall be created for less than \$500 per annum. Such fellowship shall be filled by the University Council, subject to such regulations as may be prescribed.

### University Scholarships

Twenty University Scholarships, of the value of \$150 each, are awarded annually by the University Council at the stated meeting in April, under the following regulations:

These scholarships are open to all graduates of colleges and scientific schools, not over thirty years of age, whose course of study has been such as to entitle them to be enrolled at Columbia as candidates for one of the higher degrees. They are tenable for one academic year, with a possibility of renewal for one year longer. In the awards preference will be given to those candidates for University fellowships who have failed of appointment after having been recommended by any faculty or department. University Scholars will be required to enroll themselves as candidates for a higher degree and to pursue a regular course of study leading thereto. A University Scholar may relinquish the income thereof without waiving his right to be thus designated.

**President's University Scholarships.** — Eight University Scholarships, known as the President's University Scholarships, are awarded by the Uni-

versity Council, under the regulations governing the University Scholarships.

**Curtis University Scholarships.** — Four University Scholarships, known as the Curtis University Scholarships, are awarded annually to women students under the Faculties of Political Science, Philosophy, and Pure Science, under the same regulations as those governing the University Scholarships.

### Special Scholarships

**Aldrich.** — The scholarship known as the James Herman Aldrich Scholarship, established by James Herman Aldrich, of the Class of '63, by a gift of \$5000 in commemoration of the fiftieth anniversary of his graduation, is awarded annually to such persons as the President may designate, with the approval of the Trustees.

**Alumni Association (College).** — Four Alumni Association Scholarships have been established in the College by the Trustees in recognition of the interest that the Alumni Association has always shown in the affairs of the College, and are open only to Freshmen who complete the requirements for admission before matriculation.

**Alumni Competitive (College).** — Four Alumni Competitive Scholarships were established in the College by the Trustees in 1890. One is awarded annually by the Committee on University Admissions to those qualified Freshmen who pass in June the best entrance examinations in subjects aggregating the 15 units requisite for admission. The examination may be taken at any point where examinations are held by the College Entrance Examination Board. No applications are required from candidates for first appointment. Reappointments are made under the general regulations of the Committee on Scholarships.

**Beck (College).** — The Beck Scholarship was established in the College in recognition of the liberality of Charles Bathgate Beck, A.B., '77, LL.B. '79, and is awarded to applicants whose record for ability and scholarship obtained either before or after matriculation gives evidence of special fitness for the course of study they wish to pursue. Students not in need of financial aid cannot be considered as applicants, nor can those who, through physical, mental or moral weakness, give little promise of future usefulness.

**Beck (Law).** — The Charles Bathgate Beck Prize Scholarship is awarded to the first-year candidates who pass the best examination in the subject relating to Real-Estate Law. The holder shall, provided he remains a member of the School of Law, receive one year's income of the prize fund established by the will of Charles Bathgate Beck in equal semi-annual instalments, during the two years following the award. If two or more students pass examinations of equal merit, the income of the fund may be divided.

**Benefactors.** — Sixty-three scholarships of tuition value were established by the Trustees in 1899 in recognition of the liberal gifts for the purchase of the site of Morningside Heights received from J. Pierpont Morgan, Cornelius Vanderbilt, A. A. Low, R. Fulton Cutting, Alfred Corning Clark, Samuel Sloan, Henry Parish, Jacob H. Schiff, and others. These scholarships have been assigned to different faculties as follows: Columbia College, 20, open only to Freshmen; Applied Science, 27, open only to students who have been in the University at least one year; Law, 16, open to students who have been in the School of Law at least one year.

**Blumenthal.** — A scholarship, or scholarships, open to qualified candidates, is maintained in the College of Physicians and Surgeons by the

income of the George Blumenthal, Jr., Scholarship Fund. An annual award is made to a student, or students, to cover the cost of tuition or for other purposes, in amounts not less than \$250 nor more than \$500 to any one student in any one academic year.

**Brooklyn.** — Twelve Brooklyn Scholarships were established in the College by the Trustees in 1895, in recognition of ex-President Low's gift of a memorial building for the University Library. Three are open for competition annually to residents of Brooklyn trained either in the public or the private schools of that borough, on the same basis as the Alumni Competitive Scholarships.

**Burgess.** — Two scholarships were established by the bequest of Annie P. Burgess known as the Dr. Daniel M. Burgess and the Annie P. Burgess Scholarships and are to be awarded annually by the President and Trustees to two worthy and deserving young men of good habits and Christian character, who may be unable to pay their own expenses while pursuing their studies in the University. The value of these scholarships is the income of the two distinct sums of \$5,000 each.

**Butler.** — The Richard Butler Scholarship, tenable for one academic year, with the possibility of renewal for each of two years more, for the benefit of male students born in the State of Ohio, is open for competition to qualified candidates who propose to enter any college or school of the University, except Teachers College or the College of Pharmacy. The annual value (to be applied to tuition charges) is the income of a fund of \$5,000, given for the establishment of the scholarship. Applications should be made under the same regulations as those for University Scholarships.

**Campbell.** — Two Campbell Scholarships were established in the College by gift from Miss Maria L. Campbell and Miss Catharine B. Campbell, in memory of Robert B. Campbell of the Class of '84, and Henry P. Campbell of the Class of '47. The scholarships are awarded on the same basis as the Beck Scholarships.

**Clark.** — By the will of the late Alonzo Clark, M.D., LL.D., for many years President of the College of Physicians and Surgeons, and Professor of Pathology and Practical Medicine, a scholarship has been established with an income of \$575 a year, for the purpose of promoting the discovery of new facts in medical science.

**Class of '48.** — The Class of 1848 Scholarships were established in the College by an anonymous gift and are awarded on the same basis as the Beck Scholarships.

**Class of '85.** — The Class of 1885 Scholarship was established by the Class of '85, School of Mines, in memory of the 25th anniversary of graduation, by a gift of \$10,000. The scholarship is open to duly registered students in the Schools of Mines, Engineering and Chemistry.

**Daly.** — The Marcus Daly Scholarship of the annual value of \$1,000, maintained by Mrs. James W. Gerard in memory of her father, is open to that worker or descendant of a worker in the Montana mines who passes the best competitive entrance examinations to the course in Mining Engineering. The winner of the scholarship shall hold the same throughout his course in mining engineering, subject to the same conditions of reappointment as those imposed upon the holders of Competitive Scholarships in Columbia College.

**Devendorf.** — The Devendorf Scholarship, established by a gift of \$6,500 from Mrs. Lodema W. Devendorf in memory of her husband, Davis M. Devendorf, of the Class of '61, is open to a qualified candidate for the degree

of M.D. In making the award preference shall be given to a student from the county of Herkimer, in the state of New York, and preferably to a student from the town of Herkimer.

**Doughty.** — A scholarship, known as the Francis E. Doughty Scholarship, of \$400, or so much thereof as the income of the Francis E. Doughty, M.D., Scholarship Fund will suffice to pay, is awarded annually to such person as the Faculty of the College of Physicians and Surgeons may appoint, in accordance with the rules to be made by them with the approval of the Trustees.

**Faculty.** — The Trustees have established a series of scholarships known as the Faculty Scholarships which are allotted among the several faculties as follows: College 6, Law 4, Medicine 4, Science 8, Architecture 4.

**General Theological Seminary.** — A scholarship is awarded in the General Theological Seminary of the Protestant Episcopal Church by the Trustees of Columbia University upon the following conditions: All candidates shall comply with the requirements for admission to the General Theological Seminary, and as candidates for the ministry of the Protestant Episcopal Church, and must have taken the degree of Bachelor of Arts and have been graduated with honors. Candidates shall report themselves to the Education Committee of the Society for Promoting Religion and Learning in the State of New York at least three months previous to the examination to be held by the Faculty of the General Theological Seminary for the purpose of awarding such scholarship.

**Harsen.** — The income of a fund established by the late Jacob Harsen, M.D., in 1859, for the purpose of "promoting the study of Medical and Surgical Practice," has been made available for the award of five scholarships to students in the College of Physicians and Surgeons, in lieu of the Harsen prizes heretofore awarded. Two of these scholarships may be awarded to students taking the second year in the medical course; two to students in their third year, and one to a student in his fourth year, provided that the aggregate of the stipends of such scholarships shall not exceed the income earned by the fund during the preceding year.

**Harper and Hewitt.** — Four Scholarships known as the Harper and Hewitt Scholarships endowed, two by the gift of Abraham S. Hewitt, LL.D., of the Class of '42, and two by the bequest of Joseph W. Harper, A.M., of the Class of '48, are open annually for competition to graduates of New York City high schools, on the same basis as the Alumni Competitive Scholarships.

**Hartley.** — A scholarship, known as the Frank Hartley Scholarship, of a value not to exceed the annual income of the Frank Hartley Scholarship Fund, is awarded annually to a student in the Medical School in accordance with the general regulations of the Medical Faculty governing scholarships.

**Jones.** — The Wawepex Society makes annual provision for a scholarship amounting to \$200 and including the use of a table at the biological laboratory at Cold Spring Harbor, L.I. The award is made by the Council upon the recommendation of the Department of Zoölogy.

**McClymonds.** — The Louis K. McClymonds Scholarships (2) of the annual value of \$650, maintained by Mrs. Annie K. McClymonds in memory of her late husband, are open to those candidates for the degree of A.B. or B.S. who shall have satisfactorily completed the requirements for admission, and who, in the judgment of the Faculty of Columbia College, shall be deemed most deserving of appointment. Preference shall be given to sons of American-

born parents who have no other means of providing for their tuition and living expenses during the academic year.

**Moffat.** — Two Moffat Scholarships, endowed by William B. Moffat, A.B., '38, M.D., '42, are awarded on the same basis as the Alumni Association Scholarships.

**Pulitzer.** — Through the generosity of the late Mr. Joseph Pulitzer, male graduates of the public high schools of the city of New York, not to exceed forty at any time, are awarded scholarships upon competitive examination. Each scholarship so awarded may be held for a period of four years in the College or in any department of the University except the Medical School, Teachers College, and the College of Pharmacy. The scholarship will be withdrawn if at any time the holder fails to maintain a satisfactory standard in his academic work. During his term the scholar receives the sum of \$250 a year over and above the cost of his tuition.

**Religion and Learning.** — Eight Scholarships of the Society for Promoting Religion and Learning have been founded and are awarded on the nomination of this Society.

**Schermerhorn.** — Five Schermerhorn Scholarships, endowed by John Jones Schermerhorn, A.B., '25, are open only to Freshmen in the College. The requirements for admission must be completed before matriculation. They are awarded on the same basis as the Alumni Scholarships.

**Stuart.** — Two Stuart Scholarships were established in the College by the gift of Mrs. Cornelia A. Atwill, in memory of her grandsons, Sidney Barcula Stuart, of the Class of '80, and Eugene Talman Stuart, of the Class of '81. They are awarded on the same basis as the Alumni Association Scholarships.

**Vanderbilt.** — In recognition of the liberal gifts of William H. Vanderbilt to the College of Physicians and Surgeons, four scholarships, to be known as the William H. Vanderbilt Scholarships, have been established. These are open to students of any class.

**Wheeler.** — A scholarship, known as the John Visscher Wheeler Scholarship, in memory of John Visscher Wheeler of the Class of '65, of a value not to exceed the annual income of the fund of \$12,000 bequeathed to the University by Mrs. Susan E. Johnson Hudson, is awarded every four years, or oftener if a vacancy shall occur, to a student entering Columbia College. In awarding this scholarship, preference shall be given to candidates nominated by alumni associations and clubs, and among such candidates to the sons of alumni of Columbia College. The holder of the scholarship shall reside in Hartley Hall. The scholarship shall be held for four years unless sooner vacated by the operation of the general rules governing scholarships.

### Annual Scholarships

The Treasurer may receive gifts of money for scholarships for one or more years, provided that no such stipend shall be less than the annual tuition fee of the college or of the school in which it is provided.

### Foreign Students

Beginning with 1910, exemption from the regular tuition fees is granted for a period of ten years to advanced students from Scandinavian universities, not exceeding three students in any one year, who may be nominated by their respective universities and recommended by the American-Scandinavian Society.



Beginning with 1910, exemption from the regular tuition fees is granted for a period of ten years to students from Turkey, not exceeding three students in any one year, who may be nominated by the Turkish Government and recommended by the American Ambassador at Constantinople.

Beginning with 1912, exemption from tuition fees is granted to duly qualified students from China, not exceeding four in any one year, who may be nominated for the privilege by the Chinese Government.

### Loan Funds

There are six funds (the Schiff, the Shoemaker, the Payne, the Class of 1879 School of Mines, the Class of 1885, and the Class of 1887 School of Mines Funds) available for short-term loans to needy students, which may be drawn upon by permission of the President.

## MEDALS AND PRIZES

Essays submitted in competition for any of the following should, unless otherwise indicated, be submitted to the Secretary of the University not later than May 1, in the year of award. The essays should be signed fictitiously and should be accompanied by a sealed envelope containing the author's name and address. The awards are announced at Commencement and, unless otherwise indicated, are annual.

**Alumni Association (Architecture).** — The Alumni Association of the School of Architecture offers an annual medal for proficiency in advanced design.

**Alumni Association (College).** — A prize of \$50 in money or its equivalent "to the most faithful and deserving student of the graduating class" was established in 1885 by the Association of the Alumni of Columbia College. The graduating class selects the incumbent from three names submitted to it by the Faculty; or if, ten days prior to Commencement, the class should notify the President of the University of its failure to make a selection, the award may be made by the Faculty.

**Alumni Association (Medicine).** — The Alumni Association Prize of \$500 is awarded biennially to an alumnus of the College of Physicians and Surgeons for the best medical Essay submitted upon any subject that the writer may select. Essays should be sent to the Secretary of the Alumni Association of the College of Physicians and Surgeons on or before April 1 of the year of award.

**American Institute of Architects.** — The American Institute of Architects offers an annual medal to that student of the School of Architecture who has during his course maintained the best general standard in all departments of his work.

**Barnard.** — A gold medal of the value of \$200 established by the provisions of the will of President Barnard and endowed by him, known as the Barnard Medal for Meritorious Service to Science, is awarded quinquennially to such person, if any, whether a citizen of the United States or any other country, as shall within five years next preceding have made such discovery in physical or astronomical science or such novel application of science to purposes beneficial to the human race, as in the judgment of the National Academy of Sciences of the United States shall be esteemed most worthy to such honor.

**Bennett.** — A prize established through a gift of \$1,000 from James Gordon Bennett may be awarded by the Faculty of Political Science for the

best essay upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. The competition is open to students not holding a baccalaureate degree who pursue courses amounting to six hours a week in the School of Political Science.

**Bunner.** — The H. C. Bunner Gold Medal, established by the friends of the late Henry Cuyler Bunner, or its equivalent in cash, is awarded to the candidate for a Columbia degree who shall present the best essay on an assigned subject in American literature. The award will be made by a committee to be appointed by the President.

**Butler.** — The Nicholas Murray Butler Medal is awarded in gold at the Commencement of 1915 and each fifth year thereafter, in accordance with such rules and regulations as the Trustees may from time to time establish, for the most distinguished contribution made during the preceding five-year period anywhere in the world to philosophy or to educational theory, practice or administration. The medal is also awarded in silver or bronze at the Commencement of 1915 and each year thereafter, in accordance with such rules and regulations as the Trustees may from time to time establish, to that graduate of Columbia University in any of its parts who has, during the year preceding, shown the most competence in philosophy or in educational theory, practice or administration, or who has during that time made the most important contribution to any of these.

**Cartwright.** — The Cartwright Prize of \$500 was endowed by a bequest of \$10,000 by Benjamin Cartwright, and is offered for competition in alternate years with the Alumni Association Prize. It is awarded on the same terms as the latter, except that it is open to general competition.

**Chanler.** — By the bequest of J. Winthrop Chanler, A.B., '47, the income of \$1,000 is awarded annually, at Commencement, to the member of the graduating class of Columbia College, who, in the judgment of the Faculty, shall be the author of the best original manuscript essay on the history of civil government in America, or some other historical subject, to be determined by the Faculty.

**Class of 1889 Medal.** — A prize, to be known as the "Class of 1889 Medal," is awarded to a graduate of the School of Mines, or of any of the Schools of Applied Science, or of the School of Architecture, who shall have distinguished himself in any sphere of human effort. The Jury of Award shall be the President of the University, the President of the Alumni Association of the Schools of Science, the senior Alumni Trustee who is a graduate of the School of Mines or of one of its allied schools, and a representative of the Class of 1889, appointed by the Class. Presentations of the medal are made at three-year intervals dating from 1914.

**Convers.** — A prize, known as the E. B. Convers Prize, the annual income of the sum of \$1,000, has been established in the School of Law in memory of E. B. Convers, of the Class of '66. This prize is awarded annually to such member of the graduating class in the Law School as may write the best original essay on some legal subject to be chosen from a list of ten subjects prepared each year by the Faculty of Law or on any other legal subject approved by the Faculty.

**Curtis.** — An endowment fund of \$1,000 established by the late Samuel Putnam Avery, an associate of George William Curtis in the work of civil service reform, provides for the award of two medals of gold and silver, or the equivalent in cash, to students in Columbia College for excellence in public delivery of English orations. Competitors must be either third- or fourth-

year students in regular standing, or in exceptional cases, and with permission of the Dean, special students taking corresponding courses amounting to not less than 12 hours a week. The Department of English publishes about November 1 a list of subjects for the competition. Subjects not on the list may be chosen with the consent of the department provided that application be made not later than December 1. The contestants will be selected by the department at a preliminary competition which will not be open to the public. The award will be made by judges appointed by the President.

**Darling.** — The Edward A. Darling Prize in Mechanical Engineering, the income of \$1,000, bequeathed by Edward A. Darling, formerly Superintendent of Buildings and Grounds, is awarded annually to the most faithful and deserving student of the graduating class in Mechanical Engineering. The recipient of the prize is to be chosen by ballot, by members of the graduating class in the course in Mechanical Engineering, from among three names to be chosen by the Faculty of Applied Science.

**Earle.** — A prize of \$50 established in memory of Mortimer Lamson Earle, Instructor in Greek in Barnard College from 1889 to 1895 and from 1898 to 1900, and Professor of Classical Philology from 1900 to 1905, is open for annual competition to all candidates for the degree of Bachelor of Arts. It will be awarded partly on the basis of the regular work of the year in Greek and in Latin, partly on the basis of a special examination held in May or June. The special examination will cover specified portions of Greek and Latin literature, sight-reading in Greek and in Latin, and prose composition in Greek and in Latin.

**Einstein.** — A prize known as the Einstein prize in American Diplomacy was established by Dr. and Mrs. Charles Waldstein in memory of Mr. and Mrs. D. L. Einstein. The prize is awarded annually at Commencement to that student who having been regularly enrolled in the University as a candidate for a degree for not less than two academic years shall be deemed by the Department of Public Law to have done the best and most original work in American Diplomacy.

**Elsberg.** — A prize to be known as the Albert Marion Elsberg Prize, established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg, of the Class of '05, shall be awarded annually to that student who, having been regularly enrolled in Columbia College as a candidate for a degree for not less than one academic year, shall be recommended by the Department of History for excellence in Modern History. The prize shall consist of a medal and, at the option of the winner, \$50 or books having that value.

**Green.** — The Albert Asher Green Memorial Prize of \$50 in gold, established by Mr. and Mrs. Asher Green in memory of their son, a member of the class of 1914, is awarded annually at Commencement to that member of the Senior Class who, having been for at least three years a student in good standing in Columbia College, has, in the judgment of the Faculty, made the best record in scholarship during his undergraduate course.

**Illig.** — A bequest of \$2,000 left by William C. Illig, E.M., '82, provides for the annual award of medals at Commencement to the student, or students, in the graduating class of the Schools of Mines, Engineering, and Chemistry, who shall, in the judgment of the Faculty, have merited the same by commendable proficiency in their regular studies.

**Loubat.** — Joseph F. Loubat has endowed two prizes of \$1,000 and \$400, respectively, for the best works published in the English language upon

the history, geography, archæology, ethnology, philology, or numismatics of North America. Competition is open to all persons, whether connected with Columbia University or not, and whether citizens of the United States or of any other country. No treatise shall be eligible for the purposes of the competition except such as relate to the topics involving antiquarian research, or that refer to events prior to 1776. In order to insure consideration of their works, authors are invited to send copies to the President of Columbia University not later than April 1 of the year in which the prize is to be awarded; but the competition will not be restricted to works thus submitted.

**Ordranax.** — A prize to be known as the Ordranax Prize in Law is, by vote of the Faculty, awarded annually to the candidate for the degree of Bachelor of Laws of at least one year's standing on the basis of general proficiency in legal study.

**Rolker.** — A prize to be known as the Charles M. Rolker, Jr., Prize, to be publicly awarded on Class Day, is provided for by the gift of Mrs. C. M. Rolker in memory of her son, Charles M. Rolker, Jr., of the Class of '07. The income of the fund is to be awarded to the member of the graduating class of Columbia College deemed by his classmates the most worthy of special distinction as an undergraduate student, because of scholarship, participation in student activities, pre-eminence in athletic sports, or in any combination of these.

**Seminary.** — The Protestant Episcopal Society for Promoting Religion and Learning in the State of New York have established two prizes, known as the Society's Greek Seminary Prize of \$30, and the Society's English Seminary Prize of \$20, with the stipulation that notice shall be given every year of the conditions of the prizes under the old regulations and applications be invited. Wherever the conditions of the preceding competition show that one or both of the prizes have not been taken for lack of applicants, notice shall at the same time be given of the competition for the prize or prizes thus open under the new regulations set forth each year in the current *Announcement of Columbia College*.

**Smith.** — The Smith Prize was established by the relatives, friends, and pupils of Dr. Joseph M. Smith, as a memorial of his services as Professor in the College of Physicians and Surgeons from 1826 to 1866. Under the provisions of the trust an annual prize of \$100 is awarded for the best essay on the subject of the year, presented by an alumnus of the College of Physicians and Surgeons. The competing essays should be sent to the Dean of the College of Physicians and Surgeons on or before March 10.

**Squires.** — The Grant Squires Prize, the income for five years of a fund of \$1,000, established by Grant Squires, A.B. '85, LL.B. '87, is awarded at the close of every quinquennial period, to such graduate conducting an original investigation of a sociological character as shall be adjudged most worthy by a Committee of Award, consisting of the President, the Professor of Sociology and one of the Professors of Political Economy appointed by the Faculty of Political Science. Such award shall be deemed to be a recognition of scientific ability and achievement, as well as an encouragement of research.

**Stevens.** — The Stevens Triennial Prize, value \$200, established by the late Alexander Hodgdon Stevens, M.D., formerly President of the College of Physicians and Surgeons, is open for universal competition. The Dean of the Medical Faculty, the President of the Alumni Association of the College of Physicians and Surgeons, and the Professor of Physiology are, *ex officio*, the

administrators of the prize. Essays must be in the hands of the first named on or before January 1 of the year of award.

**Stokes.** — A prize of \$40, to be known as the Caroline Phelps Stokes Prize, is awarded annually to that student who having been regularly enrolled in Columbia College, or Barnard College, or Teachers College as a candidate for an academic degree for not less than one academic year shall be deemed to have written the best essay upon the Rights of Man as the committee of selection shall determine.

**Toppan.** — A prize known as the Robert Noxon Toppan Prize, the income of an endowment of \$4,000, in memory of Robert Noxon Toppan, LL.B., '61, is awarded annually to the member of the School of Law or of Political Science who shall pass the best written examination upon a paper prepared by the Professor of Constitutional Law.

**Van Amringe.** — A prize known as the Professor Van Amringe Mathematical Prize was established by George G. Dewitt of the Class of '67 by a gift of \$5,000. The annual income of the fund is awarded at Commencement to that student who, having been regularly enrolled in Columbia College as a candidate for an academic degree for not less than one academic year and a half, and not more than two academic years, shall be deemed most proficient in the mathematical subjects designated during the year of award for Freshmen and Sophomores in the College. The examinations for the prize shall be held annually under the direction of the Department of Mathematics.

**Van Buren.** — A prize known as the John Dash Van Buren, Jr., Prize in Mathematics was established by Mrs. Louis T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., a member of the Class of '05. The annual income of \$5,000 is awarded to the candidate for an academic degree who passes the best examination in analytical geometry, differential and integral calculus, and in such additional subjects as the Department of Mathematics may prescribe.

## FELLOWS AND SCHOLARS 1915-1916

### Adams Research Fellows

1905-07 ERNEST FOX NICHOLS	1911-14 ROBERT W. WOOD
1907-09 BERGEN DAVIS	1914-15 S. ALFRED MITCHELL
1909-11 CLARK WELLS CHAMBERLAIN	1915-16 S. ALFRED MITCHELL

### Advertising Research Fellow

1912-14 E. K. STRONG

### Fellow in Archaeology and Ethnology

1913-14 PAUL RADIN

### Barnard Fellows

1894-96 WILLIAM LISPENARD ROBB	1908-11 CLEMENT S. BRAININ
1897-1900 HEINRICH RIES	1911-12 GEORGE ADDISON BOLE
1900-03 JOHN ALEXANDER MATHEWS	1912-13 EDWARD SCHRAMM
1903-05 WILLIAM CAMPBELL	1913-14 BENJAMIN LIEBOWITZ
1905-07 CLARENCE WHITNEY KANOLT	1914-15 GUSTAV EGLOFF
1907-08 HAROLD WORTHINGTON WEBB	1915-16 MARY AMERMAN GRIGGS

### Bridgham Fellowship

1915-16 FREDERICK H. CLARK

### Class of '70 Fellow

1896 LEWIS BUFFETT CARLL

### Curtis Fellows

1901-02 JAMES WILFORD GARNER	1910-11 SYDNEY D. MOORE HUDSON
1902-04 CHARLES AUSTIN BEARD	1911-12 SAMUEL MACK EASTMAN
1904-06 CHARLES GROVE HAINES	1913-14 ROBERT EUGENE CUSHMAN
1907-08 EDWARD MCCHESENEY SAIT	1914-15 SPENCER MILLER, JR.
1908-09 BLAINE FREE MOORE	

### Cutting Travelling Fellows

HAROLD K. CHADWICK.....	<i>Philosophy</i>
CLIFFORD H. FARR.....	<i>Botany</i>
JULIUS L. GOEBEL.....	<i>Diplomacy</i>
EDWIN T. HODGE.....	<i>Geology</i>
JOHN R. KNIPPING.....	<i>Medieval History</i>
LOUIS O. KUNKEL.....	<i>Botany</i>
WALLACE M. MCCLURE.....	<i>Economics</i>
ROWLAND R. MCELVARE.....	<i>Economics</i>
JOHN H. NORTHPROP.....	<i>Biological Chemistry</i>
WILLIAM M. PATTERSON.....	<i>English</i>

### Drisler Fellows

1894-96 JOHN KASSON LATHROP	1905-06 MACON ANDERSON LEIPER
1896-97 GEORGE N. OLCOTT	1906-08 CHARLES JONES OGDEN
1897-98 WILLIAM T. F. TAMBLYN	1908-10 HUBERT MCNEILL POTEAT

1898-99 CORLISS FITZ RANDOLPH	1910-11 IRVING COMES DEMAREST
1899-1900 EDWARD CHARLES HAR-	1911-13 RHY'S CARPENTER
WOOD	1913-14 CLARENCE AUGUSTUS
1900-01 BERT HODGE HILL	MANNING
1902-03 HARWOOD HOADLEY	1914-15 FRANK MICHAEL DEBATIM
1903-04 WALTER WHIPPLE ARNOLD	1915-16 HARRIET EMMA MCKEE

**Garth Fellows**

1905-06 MEYER JACOBSTEIN	1910-11 FRANK HATCH STREIGHTOFF
1906-07 JAMES HENRY GILBERT	1911-12 ROBERT MURRAY HAIG
1907-08 LOUIS DWIGHT HARWELL	1912-13 PRABHAKER S. SHILOTRI
WELD	1913-14 EDWIN CLYDE ROBBINS
1908-09 SOLOMON VINEBERG	1914-15 ROBERT JAMES MCFALL
1909-10 EDWARD HENRY LEWINSKI	1915-16 MABEL NEWCOMER
1910-11 BENJAMIN MCALESTER	
ANDERSON	

**Gilder Fellows**

1911-12 WILLIAM SHEPHERDSON	1914-15 PARKER LEROY MOON
1912-13 ARNOLD JOHNSON LIEN	FRED WILLIAM ECKERT
LYMAN B. VEEDER	FRANK ALEXANDER ROSS
1913-14 RANDOLPH SILLIMAN BOURNE	1915-16 LEYTON EDWIN CARTER
FRANK ALEXANDER ROSS	RUSSELL GORDON SMITH
PAUL WILLARD GARRETT	DONALD REED TAFT

**Goldschmidt Fellows**

1909-10 EDWARD CALVIN KENDALL	1912-13 JOHN SEAMAN BATES
1910-11 ALMER McDUFFIE MCAFEE	1913-14 CLARKE EDWIN DAVIS
1911-12 HAROLD EDWARD WOOD-	1914-15 CLIVE MORRIS ALEXANDER
WARD	1915-16 GEORGE SCATCHARD

**Gottsberger Fellows**

1905-06 GEORGE CHRISTIAN OTTO	1910-11 WILLIAM STUART MESSER
HAAS	1911-12 FREMONT AMASA HIGGINS
1907-08 MEYER JACOBSTEIN	1913-14 FREMONT AMASA HIGGINS
1909-10 RALPH WATSON DOX	1915-16 ALEXANDER WEINSTEIN

**McKim Fellows**

1912-13 WILLIAM CARSON FRANCIS	1913-14 ERICH GUGLER
--------------------------------	----------------------

**Mitchell Fellows**

1908-10 IRVING COMES DEMAREST	1913-14 PARKER LEROY MOON
1910-11 MAURICE PICARD	1914-15 CLINTON MINDIL PANG
1911-12 LESTER SAUNDERS HILL	1915-16 HERBERT W. SCHNEIDER
1912-13 RANDOLPH SILLIMAN BOURNE	

**Mosenthal Fellows**

1899-1901 MARY ANGELA DILLER	1908-09 FRANZ BELLINGER
1902-04 FRANK EDWIN WARD	1910-11 EDWARD BETTS MANNING
1904-05 BENJAMIN LAMBORD	1912-13 EDWARD KILENYI
1906-07 WILLIAM JACOB KRAFT	1914-15 MEYER SILVER

## Industrial Research Fellow in Chemistry

1911-14 CARL HANER

## Proudfit Fellows in Letters

1900-03 JOHN ERSKINE  
 1903-05 STANLEY KIDDER WILSON  
 1906-07 CHARLES FRANCIS LAWSON  
 1907-10 ERNEST HUNTER WRIGHT  
 1910-11 GEDDES SMITH

1911-12 NELSON BURROUGHS GIL-  
 DERSLEEVE  
 1912-13 ELBRIDGE COLBY  
 1913-14 ARCHIE AUSTIN COATES  
 1915-16 ELBRIDGE COLBY

## Schiff Fellows

1898-1900 WILLIAM HENRY FRY  
 1900-01 WALTER PERCY BORDWELL  
 1901-02 ULRICH BONNELL PHILLIPS  
 1902-03 GEORGE CHARLES SELDEN  
 1903-04 PRESERVED SMITH  
 1904-05 NORRIS ARTHUR BRISCO  
 1905-06 CHARLES RAMSDELL LINGLEY  
 1906-07 SAMUEL G. NISSENSON  
 1907-08 CARL F. L. HUTH

1908-09 LEONARD SCOTT BLAKEY  
 1909-10 CHARLES ELMER GEHLKE  
 1910-11 BENJAMIN BURKS KENDRICK  
 1911-12 HENRY ELMER HOAGLAND  
 1912-13 RAYMOND ROBERT AM-  
 MARELL  
 1913-14 DONALD SKEELE TUCKER  
 1914-15 HAROLD WARREN CRANDALL  
 1915-16 RAYMOND CASPAR BENDER

## Carl Schurz Fellows

1902-03 JOHN LOUIS KIND  
 1904-05 ALLEN WILSON PORTERFIELD  
 1906-07 HENRY HERMANN LOUIS  
 SCHULZE  
 1908-09 PERCY GAINES CRAIG

1909-10 HENRY JOHN SKIPP  
 1910-11 WILL CARSON RYAN, JR.  
 1912-13 DAVID PERCY GILMORE  
 1914-15 OTTO EMIL PLATH

## Tyndall Fellows

1891-92 WILLIAM H. FREEDMAN  
 1892-93 CHARLES R. MANN  
 1894-95 CHARLES R. MANN  
 1895-97 WALTER WHEELER COOK  
 1898-1901 ROBERT BOWIE OWENS  
 1901-03 BERGEN DAVIS  
 1903-04 FRANK LEO TUFTS  
 1904-07 FREDERIC COLUMBUS BLAKE

1907-08 GEORGE B. PEGRAM  
 1908-09 HAROLD WORTHINGTON  
 WEBB  
 1909-11 HENRY HOWARD MARVIN  
 1911-12 ANDREW WARREN JACKSON  
 1912-13 WILLIAM STOCKTON NELMS  
 1912-13 BENJAMIN LIEBOWITZ  
 1914-15 WINTHROP ROBINS WRIGHT

## University Fellows

ARTHUR BARTO ADAMS.....	<i>Political Economy</i>
HARRY ELMER BARNES.....	<i>Sociology</i>
JAMES ELIOT BOOGE.....	<i>Chemistry</i>
EDMUND BROWN, JR.....	<i>Constitutional History</i>
IRVING HENRY BROWN.....	<i>Romance Languages</i>
ORAL SUMNER COAD.....	<i>English</i>
ROY FLOYD DIBBLE.....	<i>English</i>
JOHN MAXWELL FERGUSON.....	<i>Political Science</i>
SAMUEL HOWELL KNIGHT.....	<i>Geology</i>
LAWRENCE TYNDALE LOWREY.....	<i>American History</i>
JOSEPH FELS RITT.....	<i>Mathematics</i>
JOHN ROSS TUTTLE.....	<i>Chemistry</i>
EDWIN HERMANN ZEYDEL.....	<i>Germanic Languages</i>



## University Scholars

LLOYD HUBER ALMY	<i>Biological Chemistry</i>
HENRY CARL BRENNECKE	<i>Germanic Languages</i>
BENJAMIN ROSS COWGILL	<i>English</i>
JACOB EHRLICH	<i>Chemistry</i>
WILLIAM JAMES DURANT	<i>Psychology</i>
PHILIP GORDON	<i>Germanic Languages</i>
RUSSELL LOWELL GOULD	<i>Psychology</i>
ALEXANDER CHLEMA GOURVITCH	<i>Economics</i>
FRANK PORTER GRAHAM	<i>American History</i>
AMOS LEE HEROLD	<i>English</i>
LELAND HAMILTON JENKS	<i>History</i>
GLENN RAYMOND JOHNSON	<i>Sociology</i>
ARMIN KOHL LOBECK	<i>Geology</i>
ORON E. RICHARDS	<i>American History</i>
JOSEPH WARD SWAIN	<i>History</i>
MARK ALBERT VAN DOREN	<i>English</i>
ROBERT VON NARDROFF	<i>Physics</i>

## President's University Scholars

RUSSELL G. BOOTH	<i>Philosophy</i>
EPHRAIM CROSS	<i>Latin</i>
FREDERICK EBERSON	<i>Bacteriology</i>
GIOCCHINO FAILLA	<i>Electricity</i>
JOHN WHITEMORE GOWEN	<i>Zoölogy</i>
LUTHER H. GULICK	<i>Political Science</i>
HENRY RICHARD MUELLER	<i>Economics</i>

## Butler Scholars

1904-07 OTHO LEE MONROE	1911-14 GEORGE GIVEN HOLLINGS- HEAD
1907-09 JOHN SHERMAN ROBINSON	
1909-10 HOWARD DWIGHT SMITH	1914-15 ROBERT JENNINGS RIGGS
1910-11 GEORGE DENTON BEAL	1915-16 BENJAMIN FRANKLIN YOUNG HOWARD DUNHAM BARLOW

## Curtis University Scholars

ALICE CAROLINE BOUGHTON	<i>Economics</i>
MARJORIE LORNE FRANKLIN	<i>Economics</i>
EDYTHE GRACE KELLY	<i>Romance Languages and Literatures</i>
DOROTHY STIMSON	<i>History of Thought and Culture</i>

## Jones Scholars

1898-99 FRANCIS BERTODY SUMNER	1907-08 CHARLES V. MORRILL
1899-1900 JOHN CUTLER TORREY	1908-09 DAVID DAY WHITNEY
1900-01 FREDERICK CLARK PUALMIER	1909-11 AARON FRANKLIN SHULL, JR.
1901-02 WILLIAM E. KELLICOTT	1911-12 ALFRED HENRY STURTEVANT
1902-03 CHARLES ZELNY	1912-13 JAMES P. KELLY
1903-04 LOUIS I. DUBLIN	1913-14 CHARLES WILLIAM METZ
1904-05 CHARLES RUPERT STOCKARD	1914-15 CALVIN BLACKMAN BRIDGES
1905-06 JOHN HOWARD MCGREGOR	1915-16 ALBERT MARION BROWN
1906-07 DAVID DAY WHITNEY	

**Scandinavian Scholars:**

TORSTEN INGELOFF: *Mechanical Engineer, Chalmers Technical Institute, Gothenburg*

POUL LINDHOL: *Structural Engineer, Royal Polytechnical School, Copenhagen*

**Special Alumni Association Scholar:**

P. D. BROWNING ..... Philadelphia

**COLUMBIA COLLEGE****Alumni Competitive Scholars:**

Class of 1915 — F. W. JEWETT, SILVIS MINOLI

Class of 1916 — CINCINNATI LAGUARDIA

Class of 1917 — R. F. KANE

Class of 1918 — JOHN G. SBARBORO

**Harper and Hewitt Scholars:**

Class of 1915 — ALFRED L. P. FREERY Class of 1917 — JOHN C. SCHWEITZER

Class of 1916 — WENDELL G. FOGG Class of 1918 — PHILO A. STATTON

**Brooklyn Scholars:**

Class of 1915 — DAVID ROTHENBERG, LAZARUS MARCUS, WM. B. SHEALY

Class of 1916 — JOHN H. WEAVER, ISIDORE ROTGARD, ANDREW PRANSPIILL

Class of 1917 — J. LEVINE, GEROINE M. CUDLIPP, ALIZE A. HASSAN, C. A. HAMMERSTROM

Class of 1918 — JACOB S. LANGSTORM, W. HARVEY WELLS, JAMES C. GIACOMO

**SCHOOL OF MEDICINE****Coolidge Fellows:**

1915-1916 FRANCIS R. RACKENMANN,

JOHN PUNNETT PETERS, JR.,

**Proudfit Fellows:**

1904-1908 LINSLEY RUDD WILLIAMS

1913-1916 S. T. FORTUINE

1909-1912 EDWARDS A. PARK

1915-1916 RALPH A. KINSELLA

1912-1915 RUSSEL L. CECIL

**Devendorff Scholar:**

1915 S. T. FORTUINE

**Alonzo Clark Scholars:**

1914 J. HOWARD MUELLER

1915 J. HOWARD MUELLER

**SCHOOL OF MINES, ENGINEERING AND CHEMISTRY****Daly Scholars:**

1904-1908 HENRY FARMER DAVIS

1908-1911 CORNELIUS G. SULLIVAN

1911-1915 FREDERICK S. WRIGHT

Trowbridge Fellow: CHARLES W. DRURY

Bridgham Fellow: FREDERICK H. CLARK

## SCHOOL OF ARCHITECTURE

## Columbia Fellows:

1890-1891 ARTHUR A. STOUGHTON	1907-1908 No award
1892-1893 HORACE B. MANN	1908-1909 EDWARD JOHN STORK
1894-1895 SETH JUSTIN TEMPLE	1909-1910 WILLIAM LAWRENCE ROT-
1896-1897 WILLIAM KINNE FELLOWS	TOMLEY
1898-1899 WILLIAM CLARK AYRES	1910-1911 GERARD PITT
1900-1901 THEODORE BLONDEL, JR.	1911-1912 WILBUR NICHOLAS AL-
1902-1903 ARTHUR WARE	BERTSON
1904-1905 HUBERT VAN WAGENEN, JR.	1911-1912 WILBUR N. ALBERTSON
1905-1906 THOMAS WILLIAM LUDLOW	1912-1913 No award
1906-1907 EMILO LEVY	1915-1916 EDWIN JEROME ROBIN

## McKim Fellows:

1891-1892 A. C. M. DEL MONTE	1903-1904 FRANCIS AUGUSTUS NEL-
ALEXANDER M. WELCH	SON GEORGE WASHINGTON
1893-1895 GEORGE OAKLET TOTEN,	JACOBY
JR.	1904-1905 No incumbent
WILLIAM LINCOLN THORNE	1905-1907 LUCIEN EASTER SMITH
1895-1897 JOHN RUSSELL POPE	1907-1909 WILLIAM LAWRENCE BOT-
1897-1898 HARRY ALLAN JACOBS	TOMLEY
1898-1899 JOHN RUSSELL POPE	1910-1911 CHARLES THEODORE
HARRY ALLAN JACOBS	EMILE DIETERLEN
1899-1901 LIVINGSTON PELL	1911-1913 WILLIAM C. FRANCIS
WILLIAM EDWARD PARSONS	1913-1914 ERICH GUGLER
1901-1902 CHARLES LUDWIG OTT	1914-1915 ERICH GUGLER
EDWARD NECARSULME	1915-1916 No award

## Perkins Fellows:

1902-1903 CHARLES SUMNER KAISER	1914-1915 PAUL SCHULZ
1906-1907 ARTHUR LOBO	1915-1916 No award
1910-1911 H. D. SMITH	

## BARNARD COLLEGE

Jessie Kauffmann Scholarship: HEDWIG AUGUSTA KOENIG

## Brooklyn Scholarships:

ALICE MORTIMER BAILEY	ELEANOR WILSON PARKER
DORA KAHN	GEORGINA IDA STICKLAND
MARY EDNA LONIGAN	MABEL WEIL

## Lucille Pulitzer Residence Scholarships:

GLADYS MARIE CRIPPS	LOUISE TALBOT
ELEANOR HEERMANCE HUSBAND	GLADYS LOUISE PALMER
	FRANCES DANIEL RULE

## Lucille Pulitzer Non-residence Scholarships:

SOPHIA AMSON	DOROTHY BROCKWAY
	GRACE RICHARDSON MERRITT

Martha T. Fiske Scholarship: HELEN SHELBY HOLBROOK

Eleanora Kinnicutt Scholarship: GRACE HOMAN

Emma A. Tillotson Scholarship: MARGARET CHRISTINA KING

## William Moir Scholarships:

HELEN AUGUR	MADELEINE DILLAY
-------------	------------------

Graduate Fellowship: IRENE COLE HICKOK

Graduate Scholarship: LILLIAN SOSKIN

## Departmental Honors

*Chemistry:* ELISE TOBIN, *Third Year*; MARY FRANCES HUGHES, IDA PAULINE ROLF, *Second Year*; THERESA LEVY, *First Year*

*Classical Philology:* RUTH JENSEN, *First Year (Greek)*

*Economics:* BEULAH ELIZABETH AMIDON, THORA MARIE FERNSTRÖM, LILLIAN SOSKIN, *First Year*

*English:* EMILY GORDON LAMBERT, LILLIAN SOSKIN, *Final*; CORNELIA THROOP GEER, *First Year*

*French:* ALICE MARIE-LOUISE BRETT, *Final*; THORA MARIE FERNSTRÖM, *Third Year*; BETTY REBA ALEXANDER, AMALIA FRANCESCA GIANELLA, *Second Year*; MADELEINE DILLAY, GRACE RICHARDSON MERRITT, *First Year*

*German:* LUCY GRACE COGAN, ELIZABETH PALMER, *Final*; ELSIE DE VALOIS CHESLEY, OLGA MARX, *Third Year*; STELLA BLOCH, HELEN BROWNE COLLINS, ANNA CATHERINE CAROLINE HERMANN, *First Year*

*History:* JEANNE JACOBY, *Final*; DAISY MARIE APPLEY, *Second Year*; ALMA GLADYS RUHL, ELEANOR NEWTON WALLACE, *First Year*

*Mathematics:* CLARA LOUISE FROELICH, *Final*; MABEL WEIL, *Second Year*; EVELYN MARIE DAVIS, EUGENIE CAROLINE HAUSLE, THERESE HIEBEL, FRANCES KRASNOW, CHARLOTTE MARTENS, *First Year*

*Philosophy:* CLARA WOOLLIE MAYER, *Third Year*

*Physics:* ELISE TOBIN, *Third Year*; MABEL WEIL, *Second Year*

*Psychology:* LUCY GRACE COGAN, *Third Year*

*Zoölogy:* RUTH ELLEN BREWER, *First Year*

## TEACHERS COLLEGE

## Graduate Research Scholars for 1915-1916

MAY AYRES

NOBLE LEE GARRISON

FLORA E. BALCH

JOHN MARQUARD

FLORENCE EILAU BAMBERGER

GEORGE HARVE TRAVIS

BESSIE LEE GAMBRILL

AGNES LOW ROGERS

WILLIAM L. SPENCER

## Graduate Scholars

HENRY GUSTAV HOLTZ

HERMAN HEINRICH MECKER

JOSEPH HENRY JOHNSTON

ARTHUR WILLIAM TURNER

WALTER NIND LACY

HAZEL MAUD WELSH

**Earl Scholars:** JOHN H. BURNS, FREDERICK SCHOENING

**Hoadley Scholars:** DOROTHY MCKEE, RUTH LUCRETIA PEET

**Pond Scholar:** ETTA SOPHIA BEBEE

**Runyan Scholar:** VERLE FRANCES COPPENS

**Shackleford Scholar:** SIBYL MARTHA BROWNE

**Tileston Scholar:** BESSIE B. GOODRICH

## PRACTICAL ARTS SCHOLARS

**Caroline Scholar:** VIOLA MARIA BELL

## Scholars in Practical Arts:

MARGARET CHRISTINE BECKER

HELEN JACKSON HUBBELL

ETHEL STONE CONNER

LEILA JOHN WADSWORTH

MARY ELIZABETH COOLEY

GERTRUDE LILLIAN WARREN

LUCY FRANCES COOPER

MARY ELIZA WILLIAMS

**Army and Navy Scholar:** HARRIET PATTERSON BACHE

**Livingston Scholars:**

WALTER E. HOFFSOMER

GEORGE B. NEUMAN

IRVING T. HU

DORA KREYKENBOHM

LUCIUS C. PORTER

NUI I. SHIOMI

FUJI TAKEMORI

**Foreign Scholars:**

CARMEN DE GOENAGA

ERNESTINE SALIVA

GRACIELZ MINDVJANO

**Award of Medals :**

**American Institute of Architects Medal :** JOE HUNTER McDONNELL

**Barnard Medal**

1895 LORD RALEIGH and Professor WILLIAM RAMSAY

1900 Professor WILHELM CONRAD VON RÖNTGEN

1905 Professor HENRI BECQUEREL

1910 Professor ERNEST RUTHERFORD

1915 Professor WILLIAM HENRY BRAGG

Professor LAWRENCE BRAGG

**Butler Medals :**

Gold Medal — BERTRAND RUSSELL

Silver Medal — ELLWOOD PATTERSON CUBBERLEY

**Curtis Medals:**

Gold Medal — JAMES COLLETTI

Silver Medal — PRYOR MCNEILL GRANT

**Jenny A. Gerard Gold Medal:** MARY EDNA LONIGAN

**Illig Medals:**

BENJAMIN HAROLD BELENAP

DONALD LEAL GREENLEAF

FREDERICK WYATT SOHON

**Kappa Psi Gold Medal:** No award<sup>1</sup>

**Society of Columbia University Architects Medal:** PAUL SCHULZ

**Award of Prizes**

**Association of the Alumni of Columbia College:** GEORGE ALLEN SMITH

**Beck Prizes:**

1900-1901 — CHARLES R. GANTER 1910-1911 JEROME MICHAEL

1901-1902 — HENRY STARR GIDDINGS P. S. ANDREWS

1902-1903 — H. H. BABCOCK E. P. GROSVENOR

1903-1904 — E. L. BEATTY 1911-1912 F. P. FERGUSON

1904-1905 — JOHN M. GRIFFITH GARDNER P. LLOYD

1905-1906 — CHARLES B. SHELTON 1912-1913 SAMUEL G. LEVINSON

1906-1907 — ROBERT LEROY TRACY S. VOORHEES

1907-1908 — CHARLES M. TRAVIS RICHARD R. B. POWEL

1908-1909 — EDWARD H. HART 1913-1914 CARL E. ERPF-LEFKOVICS

1909-1910 — WILDER GOODWIN GULLIE B. GOLDIN

1914-1915 CARL E. ERPF-LEFKOVICS

GULLIE B. GOLDIN

MERRILL N. GATES

<sup>1</sup> Due to the fact that the University course has been extended to three years, there were no graduates in 1915, so these prizes were not awarded.

**Bennett Prize :** THEODORE DU BOIS WIGGINS

**Breitenbach Prize :** No award<sup>1</sup>

**Chanler Prize:** OTTO HERSON

**Chi Omega Prize:** FANNIE MINA RESS

**Converse Prize:** GULLIE B. GOLDIN

**Darling Prize:** HAROLD FELTON ALLEN, JOHN HOWARD BARTLETT, WILFORD L. STORK (Selected)

**Earl Prize in Classics :** EDWIN HERMANN ZEYDEL

**Einstein Prize :** JOSHUA ZAN TSUNG UYI

**Herman Botanical Prize :** FRANCES SIEGEL

**Elsberg Prize:** SAMUEL WOLFF STRAUSS

**Faculty Graduate Prize :** No award<sup>1</sup>

**Green Prize :** LELAND REX ROBINSON

**Kohn Mathematical Prize :** CLARA LILLIAN FROELICH

**Loubat Prizes :**

*Award of 1893:* First Prize, "History of the United States of America during the Administration of Jefferson and Madison," by HENRY ADAMS

Second Prize, "Report of Investigation among the Indians of the South-western States," by A. F. BANDELIER

*Award of 1898:* First Prize, "Stone Implements of the Potomac-Chesapeake Tidewater Province," by WILLIAM HENRY HOLMES

Second Prize, "The Social Organization and the Secret Societies of the Kwakiutl Indians," by FRANZ BOAZ, Ph.D.

*Award of 1908:* First Prize, "The American Colonies in the Seventeenth Century," by HERBERT LEVI OSGOOD, Ph.D., LL.D.

Second Prize, "The History of the Society of Jesus in North America," by Rev. THOMAS ALOYSIUS HUGHES, S.J.

*Award of 1913:* First Prize, "The Old British Colonial System," by GEORGE LOUIS BEER, A.M.

Second Prize, "The Indian Tribes of the Lower Mississippi Valley," by JOHN REED SWANTON, Ph.D.

**Ordranax Prize :** FRANCIS LENTON MARTIN

**Philolexian Prizes :**

*Debating:* First Prize, JAMES WILLIAM DANAHY

Second Prize, EDWARD MEAD EARLE

*Oratory:* First Prize, HOXIE NEALE FAIRCHILD

Second Prize, EDWARD MEAD EARLE

*Philolexian Centennial Prizes :* DOUGLAS MCCREA BLACK

**Rolker Prize :** WALTER WILLIAM DWYER

**Squires Prizes:** MAURICE PARMELEE

**Speranza Prize in Italian:** HELEN ROSE LACHMANN

**Stokes Prize :** SAMUEL IRVING ROSENMAN

**Toppan Prize :** VICTOR P. FRANK

**Van Amringe Prize :** WALTER E. CURT

**Van Buren Prize :** LEO STERN

**Van Wahl Prize :** ELEANORE GRACE LOURIA  
LOUISE WALKER

<sup>1</sup> Due to the fact that the University course has been extended to three years, there were no graduates in the year 1913, so these prizes were not awarded.

## EXCHANGE PROFESSORS

### Theodore Roosevelt Professors

- 1906-07 JOHN WILLIAM BURGESS, Ph.D., LL.D., Jur.D., *Ruggles Professor of Political Science and Constitutional Law*  
1907-08 ARTHUR TWINING HADLEY, Ph.D., LL.D., *President of Yale University*  
1908-09 FELIX ADLER, Ph.D., *Professor of Social and Political Ethics in Columbia University*  
1909-10 BENJAMIN IDE WHEELER, Ph.D., LL.D., *President of the University of California*  
1910-11 CHARLES ALPHONSO SMITH, Ph.D., *Edgar Allan Poe Professor of English in the University of Virginia*  
1911-12 PAUL S. REINSCH, Ph.D., *Professor of Political Science in the University of Wisconsin*  
1912-13 WILLIAM M. SLOANE, L.H.D., LL.D., *Seth Low Professor of History in Columbia University*  
1913-14 PAUL SHOREY, Ph.D., *Professor of Greek in the University of Chicago*  
1914-15 HENRY W. FARNAM, A.M., R.P.D., *Professor of Economics in Yale University*<sup>1</sup>

### Visiting Professors in Austria

- 1913-14 GEORGE S. FULLERTON, Ph.D., *Professor of Philosophy in Columbia University*  
1914-15 JOHN WILLIAM BURGESS, Ph.D., LL.D., Jur.D., *Ruggles Professor of Political Science and Constitutional Law*<sup>1</sup>  
1915-16 No appointment

### Visiting Professor, University of Paris

- 1913-14 WILLIAM D. GUTHRIE, A.M., *Ruggles Professor of Constitutional Law in Columbia University*<sup>1</sup>  
1915-16 No appointment

### Kaiser Wilhelm Professors

- 1906-07 HERMANN SCHUMACHER, Jur.D., *Professor of Political Economy in the University of Bonn*  
1907-08 K. G. RUDOLF LEONHARD, J.U.D., *Professor of Legal Science in the University of Breslau*  
1908-09 ALBRECHT F. K. PENCK, Ph.D., Sc.D., *Professor of Geography in the University of Berlin*  
1909-10 CARL RUNGE, Ph.D., *Professor of Applied Mathematics in the University of Göttingen*  
1910-11 ERNST DAENELL, Ph.D., *Professor of Modern History in the University of Kiel*  
1911-12 JOSEF SCHICK, Ph.D., *Professor of English Philology in the University of Munich*  
1912-13 FELIX KRUEGER, Ph.D., *Professor of Experimental Psychology in the University of Halle*

<sup>1</sup> Unable to serve because of War in Europe

1913-14 KARL F. TH. RATHGEN, Ph.D., *Professor of Political Economy in the Colonial Institut, Hamburg*

1914-15 THEODORE NIEMEYER, Jur.D., *Professor of International Law in the University of Kiel*<sup>1</sup>

1915-16 No appointment

#### Visiting French Professors

1911-12 GUSTAVE LANSON, Litt.D., *Professor of the History of Literature in the University of Paris*

1912-13 HENRI BERGSON, Litt.D., *Professor of Philosophy in the University of Paris*

1913-14 JEAN PERRIN, Sc.D., *Professor of Physical Chemistry in the University of Paris*

1914-15 ALBERT G. DE LAPRADELLE, Ph.D., *Professor of International Law in the University of Paris*

1915-16 ALBERT FOUCHER, Ph.D., *Professor of the Indian Languages and Literatures in the University of Paris*

#### Visiting Austrian Professors

1913-14 JOSEF SCHUMPETER, Jur.D., *Professor of Political Economy in the University of Graz*

1914-15 EUGENE OBERHUMMER, Ph.D., *Professor of Geography in the University of Vienna*<sup>1</sup>

1915-16 No appointment

<sup>1</sup> Unable to serve because of war in Europe.



## STATED LECTURESHIPS

### Beer Lecturer

- 1910-11 LEONARD T. HOBHOUSE, A.M. — Social Evolution and Political Theory

### Blumenthal Lecturers

- 1907-08 ALBERT SHAW, LL.D. — Practical Problems in American Politics  
WOODROW WILSON, Ph.D., LL.D. — Party Government in the United States  
1908-09 JEREMIAH W. JENKS, Ph.D., LL.D. — The Principles of Politics from the Viewpoint of the American Citizen  
1909-10 HENRY JONES FORD — Cost of National Government  
SAMUEL W. MCCALL, LL.D. — The Business of Congress  
1912-13 JOHN SHARP WILLIAMS — The Permanent Influence of Jefferson on American Institutions  
1915-16 WILLIAM H. TAFT, Ph.D., LL.D. — The Presidency, its Powers, Duties, Responsibilities and Limitations

### Carpentier Lecturers

- 1905-06 JAMES BRYCE, LL.D. — Law in Its Relations to History  
1908-09 JOHN CHIPMAN GRAY, LL.D. — The Nature and Sources of the Law  
1910-11 DAVID JAYNE HILL, LL.D. — The Problem of World Organization as Affected by the Nature of the Modern State  
1911-12 Sir FREDERICK POLLOCK — The Genius of the Common Law  
1913-14 Sir COURTENAY ILBERT — The Mechanics of Law Making

### Chandler Lecturer

- 1913-14 L. H. BAEKELAND, Sc.D. — Some Aspects of Industrial Chemistry

### Hewitt Lecturers

- 1901-02 Professor BURR — Civil Engineering Subjects  
1902-03 Professor J. G. CURTIS — Physiology of the Nervous System and the Related Parts  
1903-04 Professor CLARK — The Problem of Monopoly  
1904-05 Professor TRENT — Six Writers of the 18th Century  
1905-06 Professor COHN — Republican France  
1906-07 Professor CRAMPTON — Doctrine of Evolution  
1907-08 Professor SHEPHERD — South America  
1908-09 Professor GIES — The Chemistry of Digestion  
1909-10 Professor LUCKE — Power  
1910-11 Professor LAWRENCE — Social Ideal in Popular Stories  
1911-12 Professor SHOTWELL — The Industrial Revolution  
1912-13 Professor MONTAGUE — The Great Systems of Philosophy  
1914-15 Dean STONE — Law and Its Administration  
1915-16 THOMAS I. PARKINSON, LL.B. — Legislation and Efficiency in Government

**Jesup Lecturers**

1905-06 Professor OSBORN — The Evolution of the Horse

1908-09 Professor MACLAURIN — Light

1910-11 Professor LEE — Scientific Features of Modern Medicine

1912-13 Professor T. H. MORGAN — Heredity and Sex

1914-15 Professor BERKEY — Origin and Meaning of Some Fundamental  
Earth Structures

## THE ALUMNI FEDERATION

The plan of organization of the alumni was completely changed in 1913, when the Alumni Council, a deliberative body of fifteen, representing the alumni of the College, the School of Mines, the Law School and the Medical School, and of the Doctors of Philosophy, constituted itself the Board of Directors of a new central unit with administrative functions, thereupon embracing all organized alumni with the Alumni Federation. The purposes of the Federation are to advance the interests and promote the welfare of Columbia University — by cultivating and fostering mutual relations among all alumni; by encouraging and assisting efficient organization of alumni bodies; by forming new associations and clubs; by disseminating among alumni and the general public through an efficient publication or otherwise accurate information about alumni and University affairs; by providing a recognized channel of communication between students, alumni, and University officers; by keeping the alumni informed with respect to undergraduate life and activities; by providing an alumni public keenly interested in them; by maintaining at the University a central alumni office; and by providing the machinery to nominate alumni trustees.

All members of the alumni associations of the various schools maintained by the Trustees of the University are eligible for School Membership in the Federation and any alumnus may become a General Member. A payment of one hundred dollars (\$100), or a multiple thereof, toward the Endowment Fund entitles an alumnus to be an Endowment Member, which carries life privileges and a life subscription to the *Alumni News*. In 1915 the following were Endowment Members:

Benjamin B. Lawrence, '78 Mines  
William Fellowes Morgan, '80, '84  
Mines  
Robert M. Olyphant, '42  
Henry Kraemer, '95 Mines  
Nicholas Murray Butler, '82  
Willard V. King, '89  
Charles F. Hoffman, '78

John C. Richardson, '83 Mines  
George F. Butterworth, '74  
A. M. Huntington, '08 Hon.  
Norton Perkins, '01 L.  
Herbert L. Satterlee, '83  
A. H. Elliot, '81 Mines  
F. L. Stetson, '69 L.  
Edmund E. Wise, '83

There is a special class of Endowment Membership which provides for additions to the Endowment Fund of five hundred dollars (\$500) or over by individuals. An alumnus thus contributing is named a "FUNDOR." There is one Fundor — Charles Elihu Slocum, '69 P. and S. — and his contribution to the Endowment Fund is known as "The Charles Elihu Slocum, '69 P. and S. Alumni Federation Fund of Five Hundred Dollars." A class may become a "Fundor" upon payment of \$250.00. The Class of 1905 assigned to the Federation the income for one year of its Decennial Fund and is the first class to become a Fundor although for but one year.

The Federation also sets in motion the machinery which places in nomination before the University Trustees the candidates for alumni trusteeship.

The Alumni Trustees in office in 1916 are: William Fellowes Morgan, '80, '84 Mines; James Duane Livingston, '80; Walter Mendelson, '79 M.; George L. Ingraham, '69 L.; Ambrose Dyer Henry, '84; and Arthur Smith Dwight, '85 Mines.

The Federation maintains an office in Room 311 East Hall which serves as a clearing house for all alumni activities. It publishes the *Columbia Alumni News*, the official alumni publication.

## THE ALUMNI FEDERATION OF COLUMBIA UNIVERSITY

(To be Incorporated)

### Officers

*President:* WILLIAM CURTIS DEMOREST, '81, '83 L.

*Vice-President:* FREDERICK COYKENDALL, '95, '97 S.

*Treasurer:* GUSTAVUS TOWN KIRBY, '95 Mines, '98 L.

*Executive Secretary:* LEVERING TYSON, '11 A.M., 311 East Hall, Columbia University.

### Directors at Large

ROBERT ARROWSMITH, '82 — New Jersey

WILLIAM M. L. FISKE, '00 — Illinois

JAMES M. CLARK, '87 L. — Pittsburgh

### From Columbia College

FREDERICK COYKENDALL, '95

CHARLES SEARS BALDWIN, '88

H. MCC. BANGS, '06

### From the School of Law

WILLIAM CURTIS DEMOREST, '81, '83 L

GUSTAVUS TOWN KIRBY, '95 Mines, '98 L

ALLAN B. A. BRADLEY, '02, '05 L

### From the College of Physicians and Surgeons

J. ARTHUR BOOTH, '78, '82 M

LUCIUS W. HOTCHKISS, '81, '84 M

GEORGE G. COCHRAN, '84 M

### From the School of Mines

LAWRASON RIGGS, '03 '06 L

EDGAR G. BARRATT, '84 Mines

EDWIN LUDLOW, '79 Mines

GANO GUNN, '91 Mines

### From the Doctors of Philosophy

EDMUND S. JOY, '88 L, '92 Ph.D.

HERBERT R. MOODY, '01 Ph.D.

CHARLES A. DOWNER, '01 Ph.D.

## School Associations

*Association of the Alumni of Columbia College.* — Frederick Coykendall, '95, president; George Brokaw Compton, '09, '13 L, secretary, 40 Wall Street.

*Association of the Alumni of the College of Physicians and Surgeons.* — Walter Mendelson, '79 M, president; Henry E. Hale, '96 M, secretary, 770 West End Avenue.

*Alumni Association of the Law School.* — Francis Lynde Stetson, '69 L, president; Jarvis P. Carter, '02,

'05 L, 32 Liberty Street, secretary.

*Alumni Association of the Schools of Mines, Engineering, and Chemistry.* — Robert V. Norris, '85 Mines, Second National Bank Bldg., Wilkes-Barre, Pa.; Ralph E. Mayer, '79 Mines, secretary, Columbia University.

*Association of Doctors of Philosophy.* — Edmund S. Joy, '88 L, '92 Ph.D., president; Adam Leroy Jones, '98 Ph.D., secretary, Columbia University.

## ALUMNI CLUBS

*Buffalo.* — Edwin L. Beebe, '00 M, president; A. H. Hopkins, '08 F.A., secretary, German Insurance Company Building, Buffalo, N.Y.

*Colorado.* — Cyrus L. Pershing, '08 M, president; John E. Fetzer, '08 L, secretary, 824 Equitable Building, Denver, Colo.

*Cuba.* — Aristides Agramonte, '92 M, president; Carlos N. Todd, '13 S, secretary, 15 No. 225, Vedado, Havana, Cuba.

*District of Columbia.* — Thomas Ewing, '85, president; William Waller, '78, secretary, 2034 O Street, N.W., Washington, D.C.

*Illinois.* — George E. Throop, '85, president; Henry F. Haviland, '02 S, secretary, 1821 Peoples Gas Building, Chicago, Illinois.

*Maryland.* — William H. Welch, '75 M, president; George C. Saunders, '98 S, secretary, c/o Dietrich Brothers, Pleasant and Davis Streets, Baltimore, Maryland.

*Mexico.* — Victor M. Braschi, '81 S, president; George M. Knoblauch, '03 S, secretary, P. O. Box 830, Cadena No. 2, Mexico City, Mexico.

*Minnesota.* — Charles N. Dohs, '94 L, president; R. T. La Vake, '09 M, secretary, Pillsbury Building, Minneapolis, Minnesota.

*New Jersey.* — Arthur F. Egner, '03 president; William O. Wiley,

'82, secretary, 432 Fourth Avenue, New York.

*Northern New York.* — Rev. Roelif H. Brooks, '00, president; E. Howard Osterhout, '10, '12 L, secretary, c-o Secretary of State, Albany, New York.

*Omaha.* — Harley G. Moorhead, '02 L, president; N. R. Brigham, '13 F.A., secretary, Y.M.C.A., Omaha, Nebraska.

*Oregon.* — H. N. Lawrie, '05 S, president; Lewis I. Thompson, secretary, 302 Corbett Building, Portland, Oregon.

*Philadelphia.* — Henry Kraemer, '95 Mines, president; H. F. Sanville, '92 Mines, secretary, Hale Building, Philadelphia, Pa.

*Pittsburgh.* — George Harton Singer, '80 Mines, president; J. H. Marsching, '02 A.M., secretary, 1826 Frick Building, Pittsburgh, Pa.

*San Francisco.* — Harry M. Sherman, '80 M, president; John C. Spencer, '82, '85 M, secretary, Butler Building, San Francisco, Calif.

*Southern California.* — James H. Seymour, '83 M, president; Paul J. Pitner, '05 S, secretary, 917 Union Oil Building, Los Angeles, Calif.

*Utah.* — W. A. Wilson, '82 Mines, president; C. H. Doolittle, '85 Mines, secretary, 1242 East South Temple, Salt Lake City, Utah.

*Washington.* — C. L. Hall, '08 S, president; P. C. West, '11 M, secretary, 914 Cobb Building, Seattle, Washington.

*Yonkers.* — William Forster, '81, president; J. K. Lasher, '14, '16 L., secretary, 396 Palisades Avenue, Yonkers, New York.

#### CLASS GROUP SOCIETIES

*Society of the Older Graduates.* — Robert C. Cornell, '74, president; William deL. Benedict, '74 Mines, secretary, 19 Cedar Street, New York.

*Society of the Early Eighties.* — Francis E. Ward, '81 Mines, president; Girard Romaine, '82, secretary, 68 Broad St., New York.

*Society of the Upper Eighties.* — Charles H. Mapes, '85, '89 Mines, president; Edward L. Dodge, '88, secretary, 18 Gramercy Park, New York.

*Last of the Forty-Niners.* — Everett W. Gould, '96, 99 M., president; Frank S. Hackett, '99, secretary, Riverdale Country School, Riverdale-on-Hudson, N.Y.

## UNIVERSITY PUBLICATIONS

### I. OFFICIAL PUBLICATIONS OF COLUMBIA UNIVERSITY

Unless otherwise stated, all the publications named below are distributed without charge upon application to the Secretary of Columbia University.

**Annual Catalogue:** See Table of Contents, pages iii-x. Issued each March. Price, 25 cents.

**Annual Reports of the President and the Treasurer to the Trustees:** issued each November.

**Directory of Officers and Students:** issued each year soon after the opening of the University; contains the names, office hours, and addresses of the officers of the University, and the names and addresses of the students registered up to the time of publication.

**General Catalogue of the Alumni:** issued sexennially; contains the names and addresses of all graduates of the University. The current edition is that of 1912. Price, \$2.00. For sale at the University Press Book-store and in the office of the Alumni Council.

**A University Bibliography** containing a list of publications, contributions, and serial studies from the University, a list of publications of the officers for the year 1914, and a list of journals issued under the editorial direction of the officers, will be published in March, 1916.

**Announcements** of the various parts of the work of the University are issued in the spring of each year and contain detailed information concerning admission, expenses, courses of instruction to be given during the coming year, and requirements for degrees. They include:

**Columbia College**, for the work for men leading to the degrees of Bachelor of Arts or Bachelor of Science.

**School of Law**, for the work leading to the degrees of Bachelor of Laws and Master of Laws.

**College of Physicians and Surgeons**, for the work leading to the degree of Doctor of Medicine.

**Schools of Mines, Engineering, and Chemistry**, courses in Mining and Metallurgy, in Chemistry, and in Civil, Electrical, and Mechanical Engineering.

**School of Journalism**, for the work leading to the degree of Bachelor of Literature.

**Faculties of Political Science, Philosophy, and Pure Science**, for all non-professional advanced work leading to the degrees of Master of Arts and Doctor of Philosophy.

**School of Architecture**, for the work leading to the degree of Bachelor of Architecture.

**Extension Teaching.**

**Residence Halls.**

**Summer Session.**

**Circular of Information** as to Entrance Examinations and Admission.

**Announcements** of the several divisions of the University are issued in the spring, and contain full information concerning the work of the coming year, or years, in those divisions. These circulars comprise Ancient and Oriental Languages; Biology; Chemistry; Geology, Geography, and Mineralogy; Music; History, Economics, and Public Law; Mathematical and Physical Sciences; Modern Languages and Literatures; Philosophy, Psychology, and Anthropology.

Publications of Barnard College:

**Announcement of Barnard College:** contains full information concerning admission, expenses, courses of instruction, and requirements for the degrees of Bachelor of Arts and Bachelor of Science.

**Report of the Dean:** issued annually.

These publications are distributed without charge upon application to the Secretary of Barnard College.

Publications of Teachers College:

**Teachers College Record:** founded in 1900. Published bi-monthly. \$1.50 per year (5 numbers January, March, May, September, November); 40 cents per copy, devoted to the practical problems of elementary, secondary, and higher education. Sections on alumni and college activities. The **Household Arts Review** has been incorporated since January, 1915.

**Contributions to Education:** established in 1905, continues the educational issues of the Columbia University Contributions to Philosophy, Psychology, and Education, and presents the results of research by officers or advanced students of the College in the history and philosophy of education, in educational psychology, in kindergarten, elementary, and secondary education, in educational administration, and in related fields. The series includes 73 volumes to date.

**Teachers College Bulletins:** a series of pamphlets published fortnightly, including the **Dean's Report** (issued in November), **Announcements of School of Education** and **School of Practical Arts** (issued in

the spring), special announcements of departments, which are free of charge. The series also includes the **Technical Education Bulletins**, certain articles on special subjects and reports on school practice, to which a price is attached.

**Unclassified Publications:** a group of publications not lending themselves to the conditions of the foregoing series, notable among which are Thorndike's **Educational Psychology** text-books.

**Teachers College Syllabi:** this series consists of outlines of study, bibliographies, and references, which are published at irregular intervals by Teachers College.

**Circulars of the Horace Mann Schools:** two schools fully equipped with kindergarten, elementary, and secondary classes, maintained by Teachers College as schools of observation.

These circulars may be obtained without charge upon application to the Superintendent of the Horace Mann School.

For details in regard to any of these publications consult the Bureau of Publications, Teachers College.

## II. COLUMBIA UNIVERSITY PRESS

The Columbia University Press was organized with the approval of the Trustees of the University and was incorporated June 8, 1893, for the purpose of promoting the publication of works embodying the results of original research. The Press is a private corporation, related directly to Columbia University by the provisions that its Trustees must always be officers of the University, and that the President of the University shall be the President of the Press.



## TRUSTEES

THE PRESIDENT OF THE UNIVERSITY (*ex-officio*)

WILLIAM H. CARPENTER, *Secretary*

JOHN B. PINE, *Treasurer*

Professors MATTHEWS, GIDDINGS, WILSON, TRENT, LEE, A. H. THORNDIKE,  
VAN HOOK.

III. ALUMNI AND STUDENT PUBLICATIONS AT  
COLUMBIA UNIVERSITY

**The Alumni Journal.** — 1893; published monthly in the interest of the Alumni Association of the College of Pharmacy; per copy, 10c.; per year, \$1.

**The Barnard Bear.** — 1905; a literary supplement to the Barnard Bulletin; stories, verse, essays, editorials; monthly, Nov. to June; per copy, 20c.; per year, \$1.50.

**The Barnard Bulletin.** — 1901; four pages, weekly, Barnard College news; per copy, 5c.; per year, \$1.50.

**The Columbia Alumni News.** — 1909; twelve pages, weekly; except June, July, August, and September, when it is published monthly; alumni, University, and faculty news; per copy, 10c.; per year, \$3.00. Geddes Smith, '10, '13 J, Managing Editor; Levering Tyson, '11 A. M., Business Manager.

**The Bulletin of the Society of Columbia University Architects.** — 1906; alumni notes, news of the School of Architecture, etc.; published irregularly; per copy, 10c.; per year, 25c.

**The Columbia Bluebook.** — 1900; a small handbook, containing information in regard to every form of student activity at Columbia and an engagement calendar; published by the Christian Association and distributed free to all new students in the University each year.

**The Columbia Jester.** — 1901; an illustrated comic paper, monthly during the college year; averages ten pages of reading matter with illustrations, cartoon, and a cover; per copy, 15c.; per year, \$1.00 (by mail, \$1.20).

**The Columbia Law Review.** — 1901; legal articles and book reviews by writers of recognized authority, and comment upon recent cases by the editors; edited by a board of about sixteen students of the School of Law; monthly, November to June (70 pp.); per copy, 30c.; per year, \$2.00.

**The Columbia University Quarterly.** — 1899; a magazine of general University information; quarterly; averages one hundred and twenty pages; per copy, 30c.; per year, \$1.00; C. S. Baldwin, Managing Editor.

**The Columbian.** — A bound, illustrated volume, containing statistics of athletics, fraternity membership, class achievements, and other information concerning student life; published by third-year men, elected from Columbia College and from the Schools of Applied Science. Volume XXV was published by the class of 1915. Price \$2.00

**The Columbia Spectator.** — 1877; published daily, except Sunday, edited by a managing board of five, assisted by a board of six editors, and from twelve to twenty-five associate editors; per copy, 3c.; per year, \$3.50.

**The Dorms.** — 1906; a bulletin of affairs at the dormitories; eight pages, weekly during the college year; dormitory news, short articles, editorials, poems, cartoons; per copy, 5c.; per year, 75c.

**The Mortarboard.** — 1897; an annual corresponding to the *Columbian* but more literary in character, including, besides the history of the junior class, poems, stories, sketches, etc.; published by a board of about eight third-year students of Barnard College; price, \$1.00.

**The School of Mines Quarterly.** — Published quarterly in the interest of the School of Mines; per copy, 25c.; per year, \$2.00.

**The Senior Class-Book.** — A book privately printed by the graduating class of Columbia College, through an editorial board, and distributed on class-day. Revived by the class of 1899, it has been continued by the succeeding classes; includes pictures and autobiographies of the members, letters from the faculty, and the class-day speeches.

**Year-Book of the Columbia University School of Architecture.** — 1904; architectural annual, published by the Architectural Society, showing work in the departments of design and drawing.

# ACADEMIC CALENDAR

## 1915-1917

### 1915

- 1915 — Sept. 13 — Monday, Last day for filing applications for entrance, advanced standing and deficiency examinations. The privilege of later application may be granted on payment of a fee of \$5.
- Sept. 20 — Monday, Examinations for entrance, advanced standing, and for deficient and debarred students begin.
- Sept. 22 — Wednesday, Registration begins.
- Sept. 28 — Tuesday, Registration ceases for students previously matriculated, except in the graduate schools. The privilege of later application may be granted on payment of a fee of \$5.
- Sept. 29 — Wednesday, Winter Session, 162d year, begins. Registration ceases for students not previously matriculated, except in the graduate schools. The privilege of later application may be granted on payment of a fee of \$5. Fellows and scholars to report to the Registrar.
- Oct. 2 — Saturday, Registration ceases in the graduate schools. The privilege of later application may be granted up to October 23 on payment of a fee of \$5.
- Oct. 5 — Tuesday, Last day for filing essay for the degree of Master of Arts, if the degree is to be conferred in October.
- Oct. 9 — Saturday, Last day for filing applications for all degrees to be conferred in October, except Master of Arts and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- Oct. 19 — Tuesday, Stated meeting of University Council.
- Oct. 23 — Saturday, Last day for receiving late applications for registration in the graduate schools.
- Nov. 2 — Tuesday, Election Day, holiday.
- Nov. 24 — Wednesday, Annual Thanksgiving Service in St. Paul's Chapel.
- Nov. 25 — Thursday, to November 27, Saturday, inclusive, Thanksgiving holidays.
- Dec. 1 — Wednesday, Last day for filing applications for the degree of Master of Arts to be conferred in February. The privilege of later application may be granted up to December 15 on payment of a fee of \$5.
- Dec. 12 — Sunday, Annual Commemoration Service in St. Paul's Chapel.
- Dec. 21 — Tuesday, Stated meeting of University Council.
- Dec. 22 — Wednesday, to

## 1916

- 1916 — Jan. 4 — Tuesday, inclusive, Christmas holidays.
- Jan. 13 — Thursday, Last day for filing applications for entrance examinations. The privilege of later application may be granted on payment of a fee of \$5.
- Jan. 20 — Thursday, Mid-year entrance examinations begin.
- Jan. 26 — Wednesday, Mid-year examinations begin.
- Feb. 1 — Tuesday, Last day for filing essay for the degree of Master of Arts, if the degree is to be conferred in February.
- Feb. 8 — Tuesday, Winter Session ends.
- Feb. 9 — Wednesday, Spring Session begins. University service in St. Paul's Chapel. Registration ceases for students entering Spring Session. The privilege of later application may be granted up to March 4 in the graduate schools on payment of a fee of \$5. Fellows and Scholars to report to the Registrar.
- Feb. 10 — Thursday, Last day for filing applications for all degrees to be conferred in February, except Master of Arts and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- Feb. 12 — Saturday, Alumni Day.
- Feb. 15 — Tuesday, Stated meeting of University Council.
- Feb. 22 — Tuesday, Washington's Birthday, holiday.
- Mar. 1 — Wednesday, Last day for filing applications for University Fellowships and Scholarships. Last day for filing applications for the degree of Master of Arts to be conferred in June. The privilege of later application may be granted up to March 15 on payment of a fee of \$5.
- Mar. 4 — Saturday, Last day for receiving late applications for registration in the graduate schools.
- Apr. 1 — Saturday, Last day for filing applications for examination for the degree of Doctor of Philosophy, if the degree is to be conferred in June.
- Apr. 18 — Tuesday, Stated meeting of University Council.
- Apr. 19 — Wednesday, Last day for filing applications for all degrees to be conferred in June, except Master of Arts and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- Apr. 20 — Thursday, to April 24, Monday, inclusive, Easter holidays.
- Apr. 25 — Tuesday, Last day for filing applications for deficiency examinations. The privilege of later application may be granted on payment of a fee of \$5.
- May 1 — Monday, Last day for students in Columbia College to file choice of studies for following year. The privilege of filing such choice later may be granted on payment of a fee of \$5. Last day for filing applications for scholarships in the Schools of Law, Applied Science and Architecture.

- 1916 — May 22 — Monday, Final examinations begin.  
May 24 — Wednesday, Last day for filing essay for the degree of Master of Arts, if the degree is to be conferred in June.  
May 30 — Tuesday, Memorial Day, holiday.  
June 4 — Sunday, Baccalaureate Service.  
June 5 — Monday, Class Day.  
June 7 — Wednesday, Commencement Day.  
June 14 — Wednesday, Spring Session ends.  
June 19 — Monday, Entrance examinations begin.  
July 10 — Monday, Seventeenth Summer Session begins.  
Aug. 1 — Tuesday, Last day for filing applications for the degree of Master of Arts to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.  
Aug. 18 — Friday, Seventeenth Summer Session ends.  
Sept. 11 — Monday, Last day for filing applications for entrance and deficiency examinations, and for advanced standing. The privilege of later application may be granted on payment of a fee of \$5.  
Sept. 18 — Monday, Examinations for entrance, advanced standing, and for deficient and debarred students begin.  
Sept. 20 — Wednesday, Registration begins.  
Sept. 26 — Tuesday, Registration ceases for students previously matriculated, except in the graduate schools. The privilege of later application may be granted on payment of a fee of \$5.  
Sept. 27 — Wednesday, Winter Session, 163d year, begins. Registration ceases for students not previously matriculated, except in the graduate schools. The privilege of later application may be granted on payment of a fee of \$5. Fellows and Scholars to report to the Registrar.  
Sept. 30 — Saturday, Registration ceases in the graduate schools. The privilege of later application may be granted up to October 21 on payment of a fee of \$5.  
Oct. 3 — Tuesday, Last day for filing essay for the degree of Master of Arts, if the degree is to be conferred in October.  
Oct. 7 — Saturday, Last day for filing applications for all degrees to be conferred in October, except Master of Arts and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5. Last day for making changes in program, except in the graduate schools.  
Oct. 17 — Tuesday, Stated meeting of University Council.  
Oct. 21 — Saturday, Last day for receiving late applications for registration and for making changes in program in the graduate schools.  
✓ Nov. 7 — Tuesday, Election Day, holiday.  
Nov. 29 — Wednesday, Annual Thanksgiving Service in St. Paul's Chapel.  
Nov. 30 — Thursday, to December 2, Saturday, inclusive, Thanksgiving holidays.

- 1916 — Dec. 4 — Monday, Last day for filing applications for the degree of Master of Arts to be conferred in February. The privilege of later application may be granted up to December 15 on payment of a fee of \$5.
- Dec. 10 — Sunday, Annual Commemoration Service in St. Paul's Chapel.
- Dec. 19 — Tuesday, Stated meeting of University Council.
- Dec. 20 — Wednesday, to

## 1917

- 1917 — Jan. 2 — Tuesday, inclusive, Christmas holidays.
- Jan. 11 — Thursday, Last day for filing applications for entrance examinations. The privilege of later application may be granted on payment of a fee of \$5.
- Jan. 18 — Thursday, Mid-year entrance examinations begin.
- Jan. 24 — Wednesday, Mid-year examinations begin.
- Feb. 5 — Monday, Registration (including the payment of fees) begins.
- Feb. 6 — Tuesday, Winter Session ends. Last day for filing essay for the degree of Master of Arts, if the degree is to be conferred in February.
- Feb. 7 — Wednesday, Spring Session begins. University Service in St. Paul's Chapel. Registration ceases for students entering Spring Session. The privilege of of later application may be granted up to March 3 in the graduate schools on payment of a fee of \$5. Fellows and Scholars to report to the Registrar.
- Feb. 8 — Thursday, Last day for filing applications for all degrees to be conferred in February, except Master of Arts and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- Feb. 12 — Monday, Alumni Day.
- Feb. 17 — Saturday, Last day for making changes in program, except in the graduate schools.
- Feb. 20 — Tuesday, Stated meeting of University Council.
- Feb. 22 — Thursday, Washington's Birthday, holiday.
- Mar. 1 — Thursday, Last day for filing applications for University Fellowships and Scholarships. Last day for filing applications for the degree of Master of Arts to be conferred in June. The privilege of later application may be granted up to March 15 on payment of a fee of \$5.
- Mar. 3 — Saturday, Last day for receiving late applications for registration and for making changes in program in the graduate schools.
- Apr. 2 — Monday, Last day for filing applications for examination for the degree of Doctor of Philosophy, if the degree is to be conferred in June.
- Apr. 5 — Thursday, to April 9, Monday, inclusive, Easter holidays.
- Apr. 17 — Tuesday, Stated meeting of University Council.

- Apr. 18 — Wednesday, Last day for filing applications for all degrees to be conferred in June, except Master of Arts and Doctor of Philosophy. The privilege of later application may be granted on payment of a fee of \$5.
- Apr. 23 — Monday, Last day for filing applications for deficiency examinations. The privilege of later application may be granted on payment of a fee of \$5.
- May 1 — Tuesday, Last day for students in Columbia College to file choice of studies for following year. The privilege of filing such choice later may be granted on payment of a fee of \$5. Last day for filing applications for scholarships in the Schools of Law, Applied Science and Architecture.
- May 21 — Monday, Final examinations begin.
- May 23 — Wednesday, Last day for filing essay for the degree of Master of Arts, if the degree is to be conferred in June.
- May 30 — Wednesday, Memorial Day, holiday.
- June 3 — Sunday, Baccalaureate Service.
- June 4 — Monday, Class Day.
- June 6 — Wednesday, Commencement Day.
- June 13 — Wednesday, Spring Session ends.
- June 18 — Monday, Entrance examinations begin.
- July 9 — Monday, Eighteenth Summer Session begins.
- Aug. 1 — Wednesday, Last day for filing applications for the degree of Master of Arts to be conferred in October. The privilege of later application may be granted up to August 15 on payment of a fee of \$5.
- Aug. 17 — Friday, Eighteenth Summer Session ends.
- Sept. 10 — Monday, Last day for filing applications for entrance, advanced standing and deficiency examinations. The privilege of later application may be granted on payment of a fee of \$5.
- Sept. 17 — Monday, Examinations for entrance, advanced standing, and for deficient and debarred students begin.
- Sept. 19 — Wednesday, Registration (including the payment of fees) begins.
- Sept. 25 — Tuesday, Registration ceases for students previously matriculated, except in the graduate schools. The privilege of later application may be granted on payment of a fee of \$5.
- Sept. 26 — Wednesday, Winter Session, 164th year, begins. Registration ceases for students not previously matriculated, except in the graduate schools. The privilege of later application may be granted on payment of a fee of \$5. Fellows and Scholars to report to the Registrar.

The last day of the Spring Session falls on the second Wednesday in June, and the academic year begins 37 weeks before that date. The Spring Session begins Wednesday, 19 weeks from the beginning of the Winter Session.

# REGISTER OF STUDENTS

## COLUMBIA COLLEGE

NOTE: Matriculated students are classified according to the regulations printed in the College Announcement for 1915-16, on the basis of their records in February, 1916.

### Seniors — Class of 1916

ACOSTA, JULIAN ALBERT, JR.	New York City
ADAMS, HAROLD BISCOE	New York City
ALLISON, JAMES WATERS, JR.	Richmond, Va.
APPELBAUM, EMANUEL	New York City
APPLEBY, EDGAR TOWNSEND	New York City
APPLEBY, FRANCIS STORM	New York City
ATWOOD, KIMBALL C., JR.	Oradell, N. J.
BABCOCK, EDWARD HOWARD, JR.	New York City
BALDWIN, JOHN SEARS (candidate for honors)	New York City
BARKER, P. ERSKINE	Yonkers, N. Y.
BARNA, BERNARD DESIDER	New York City
BARONE, MELCHISEDECH ALFRED	Stamford, Conn.
BARSKY, GEORGE	New York City
BARTOW, CHARLES SINGLETON, JR.	New York City
BECK, R. DONALD	New York City
BENTON, NATHANIEL W.	Neosho, Mo.
BERICK, MORRIS	Cleveland, O.
BERNSTEIN, MEYER	New York City
BIERHOFF, ALAN FREDERIC	New York City
BIERSCHENK, WILLIAM	New York City
BLACK, DOUGLAS MCCREA	New York City
BLISS, FRANCIS WILLIAM	Katonah, N. Y.
BRAINERD, HOWARD RANDOLPH	New York City
BRICKER, HARRY CHARLES	New York City
BRIEANT, CHARLES LA MONTE	Ossining, N. Y.
BUCCI, NICHOLAS	New York City
BUCHMAN, LOUIS	New York City
BUERMAYER, HERBERT ARTHUR	New York City
BURGHARD, GEORGE EHRET	New York City
CALDER, ECKHARDT	New York City
CANTERBURY, HARRY HORTON	Los Angeles, Cal.
CHAPIN, JAMES PAUL	New York City
CHEN, CHIA HSUN	Changsha, China
CHRISTMANN, LUDWIG J.	New York City
CLARK, WARD RATHBUN	Oneida, N. Y.
COCHRAN, GEORGE GILFILLAN, JR.	New York City
COHEN, SAMUEL L.	New York City
COHN, CHARLES ELIAS	New York City
CONLIN, ALAN BRUCE	Plainfield, N. J.
CORBETT, WILLIAM HYSON	New York City
CORNWALL, CLIFT	Short Hills, N. J.
CORRY, ROBERT THOMAS	New York City



CRANE, ARTHUR S.	New York City
Craven, John D.	Jersey City, N. J.
CROOK, JAMES BEVERLY	New York City
CUDLIPP, JEROME MOORE	New York City
CURRIER, GILMAN STERLING	New York City
CURT, WALTER E. (candidate for honors)	New York City
DAISY, GEORGE DARROW	Greenwich, N. Y.
DARLINGTON, ELLIOTT CHRISTOPHER BEARNS	Newport, R. I.
DAVIS, AARON WISE	New York City
DE RENNE, WYMBERLEY W.	Savannah, Ga.
DINNERSTEIN, MORRIS	New York City
DURKIN, WILLIAM JOSEPH	New York City
EDMAN IRWIN	New York City
EHRLICH, DAVID ERNST	New York City
ELMER, PHILIP REES	New York City
ELY, EDWIN WILLIAM	New York City
ENGEL, SOLTON (candidate for honors)	New York City
EVENS, LEONARD WILLIAM	New York City
EVERSON, DUANE REGINALD	New York City
FEINBERG, SYDNEY CHARLES	New York City
FINKLE, PHILIP	New York City
FISCHER, HENRY SALL	New York City
FISHER, WALDO EMANUEL	Pine City, Minn.
FLECK, HARRY DEEGAN	New York City
FLOWERS, HILAND LEE	New York City
FOSTER, HENRY CLAY	New York City
FOWLER, JOHN CAMPBELL	New York City
FOX, EDWARD BROWN, JR.	New York City
FRANKLIN, RUFORD DAVIS	Summit, N. J.
FREY, WALTER GUERNSEY, JR.	New York City
FURIA, JOHN JOSEPH	Yonkers, N. Y.
GILLESPIE, HECTOR BAXTER	Troy, N. Y.
GILMORE, SAMUEL LOUIS	New York City
GIRDNER, FREDERIC WILLIAM CONRAD	New York City
GLENNIE, ALEXANDER COWLES	Newark, N. J.
GORMAN, WILLIAM FRANCIS	Nutley, N. J.
GUGGENHEIM, ROBERT MILTON	New York City
HALL, FRANCIS CHAUNCEY	New York City
HAMILTON, CHARLES EDWARD	New York City
HAMMERSTEIN, OSCAR	New York City
HANAWAY, ROY CLARK	New York City
HASKINS, BAYARD TREMAIN	Wellsville, N. Y.
HASSAN, ALI A., JR.	New York City
HASSINGER, PHILIP EDWARD	New York City
HASTINGS, FREDERICK ALLEN	New York City
HEALY, JEFFERSON	New York City
HEATH, JULIAN DEWEY	New York City
HELMS, HAROLD HOTCHKISS	Randolph, N. Y.
HENNE, ARTHUR WILLIAM	New York City
HERMAN, SAMUEL	New York City
HERRICK, RAYMOND MORSE	Green Island, N. Y.
HICKEY, THOMAS EUGENE	Elliotville, N. Y.
HOROWITZ, LOUIS	New York City
HUSKE, JOSEPH STRANGE	Fayetteville N. C.
JOHANSON, ALBERT MATHIEW	New York City
JOHANSON, FRANCIS OSCAR	New York City
KAHN, CHARLES L.	New York City
KAHN, HENRY	New York City

KANE, RALPH FREEBORN.....	New York City
KASHDEN, HARLAN AARON.....	New York City
KEMPNER, ALAN HORACE.....	New York City
KILBURN, HENRY THOMAS.....	New York City
KILLOUGH, WALTER H. D.....	New York City
KLAUSNER, DAVID MAURICE.....	Jersey City, N. J.
KNOX, JOHN PAIGE.....	New York City
KORKUS, EDWIN FREDERICK.....	New York City
KORNSAND, EDMOND SYLVAN.....	New York City
KRANDLE, HARRY MILTON.....	New York City
KROLL, ROBERT BERNARD.....	Paris, France
KRULEWITCH, MELVIN LEVIN.....	New York City
KUPFER, MILTON PHILIP.....	New York City
KURTZ, JACOB.....	Manchester, N. H.
LADY, CLYDE HARTMAN.....	Arendtville, Pa.
LAMB, HAROLD ALBERT.....	New York City
LEE, JOHN CHARLES, JR.....	New York City
LEVIE, MORTIMER JOSEPH.....	New York City
LEVINE, JACOB (candidate for honors).....	New York City
LEVINSKY, AARON.....	New York City
LEVY, MILTON FOWLER.....	New York City
LICHTENSTEIN, ANSON.....	New York City
LOEB, ARTHUR MELVILLE.....	New York City
LOURIA, HENRY WALTER.....	New York City
MC CALLUM, KENNETH LEE.....	New York City
MCCRACKEN, ROBERT WYLIE.....	New York City
MAHON, ELWOOD JOHN.....	New York City
MARIANO, JOHN HORACE.....	New York City
MAYER, ALBERT.....	New York City
MESSING, ARTHUR JOSEPH.....	New York City
MEYER, DAVID LEOPOLD.....	New York City
MEYER, H. WILLY.....	New York City
MILCH, HENRY.....	New York City
MILLER, HOWARD VERPLANCK.....	New York City
MILLER, WILLIAM HAROLD.....	New York City
MONROE, HENRY CLAY.....	New York City
MONTGOMERY, RICHARD BACON.....	Plainfield, N. J.
MORRIS, WILLIAM.....	New York City
MULQUEEN, GILROY.....	New York City
MUNRO, THOMAS BOSTON.....	New York City
NAHM, HORACE HAMILTON.....	New York City
NAUMEE, HARRY AUGUST.....	New York City
NEWBURGER, MORTON JOEL.....	New York City
NORTON, ALWIN WOOD.....	Lawrence, N. Y.
NORTON, TIMOTHY J.....	New York City
O'BRIEN, VERNON.....	Terryville, N. Y.
O'MALLEY, COLUMBUS AMBROSE.....	Yonkers, N. Y.
ORLIANSKY, ISAAC LOUIS.....	New York City
OSSWALT, ROBERT LEWIS.....	New York City
PADWE, FRANK.....	Jersey City, N. J.
PASSARELLI, LOUIS ALPHONSE.....	New York City
PEREA, JUAN AUGUSTO.....	Mayagüez, Porto Rico
PEREA, SALVADOR.....	Mayagüez, Porto Rico
PERRY, RALPH REDMAN (candidate for honors).....	San Francisco, Cal.
PFEIFFER, WALTER PRICE.....	New York City
PLUNKETT, CHARLES ROBERT.....	Grantwood, N. J.
RABINOWITZ, HYMAN REUBEN.....	New York City
RADO, HENRY RUDOLPH.....	Mt. Vernon, N. Y.

RAHMANN, WALTER	Ossining, N. Y.
RANDOLPH, WENDELL G.	New York City
REAGAN, DANIEL JOSEPH	Columbus, O.
REEDER, RUDOLPH REX, JR.	Hastings-on-Hudson, N. Y.
REEVES, CARL WALKER	Gray Court, S. C.
ROBERTS, GEORGE HENRY, JR.	Peekskill, N. Y.
ROBERTS, HUGH LLEWELYN	New York City
ROTGARD, ISIDORE	New York City
ROWAN, RICHARD WILMER	Asbury Park, N. J.
ROWLAND, FLOYD H.	Walden, N. Y.
RUBENSTEIN, JACOB HYMAN	Rochester, N. Y.
RUBIN, HENRY SAMUEL	Bayonne, N. J.
SAMUELS, SAUL SIMON	New York City
SAMWORTH, ROBERT PAWLEY	Paterson, N. J.
SCARDACCIONE, ALEXANDER AUSELIN	New York City
SCHERPICH, EUGENE ARTHUR	New York City
SCHOENZEIT, EMANUEL	New York City
SCHUSTER, MAX LINCOLN	New York City
SCHWANDA, WILLIAM EDWARD	Winfield, N. Y.
SCHWARZ, HERBERT	New York City
SCOFIELD, GLENNI WILLIAM	Warren, Pa.
SELL, LOUIS LAZARUS	New York City
SENG, S. TSU-YUNG	Wuchang, China
SEVERINGHAUS, AURA EDWARD	Toledo, O.
SHANHOLT, HARRY	New York City
SHANHOLT, HENRY HARRIS	New York City
SHEA, EDWARD H.	New York City
SHEALY, WILLIAM BRODIE	White Rock, S. C.
SHELDON, BRUCE SMITH	New York City
SHEPARD, ROYAL FRANCIS	Newark, N. J.
SIEGEL, BENJAMIN	New York City
SIEGLER, JULIUS	Jersey City, N. J.
SIMONDS, FRANCIS MAY, JR.	New York City
SMITH, EDMUND COE (candidate for honors)	New York City
SPALTHOFF, WILLIAM DORNEDDEN	New York City
SPERLING, ELLIOTT MARK	New York City
SPINGARN, SAMUEL	West Hoboken, N. J.
SPRINGSTEED, EDWARD HAROLD	Albany, N. Y.
STEINER, LEO	Newark, N. J.
STEINER, WILLIAM HOWARD	New York City
STEPHENSON, ROBERT ABRAM	New York City
STOVER, SUMNER	East Orange, N. J.
SULZBERGER, SHERIDAN ULLMANN	New York City
TAYLOR, WALLACE DOYLE	New Rochelle, N. Y.
THACHER, CLIFTON OTIS	North Dartmouth, Mass.
THOMPSON, RAY WALDO	Tuckahoe, N. Y.
TODD, WARWICK HANFORD	Dobbs Ferry, N. Y.
TREEN, ALFRED WILLIAM	Winthrop, Mass.
TRISCHETT, SAMUEL SEYMOUR	New York City
TSAI, MO CHUNG	Shanghai, China
TURNER, JOHN LAMBERT	Grove City, Pa.
VAN GAASBEEK, HAROLD	New York City
VON BERNUTH, ANTON FREDERICK	Whitestone, N. Y.
WALDRON, JOHN WESLEY	New York City
WARNER, DANIEL DUDLEY	Riverhead, N. Y.
WARSHOW, JOSEPH	New York City
WATT, ROBERT WILSON	Hamburg, N. J.
WECHSLER, ALBERT LOUIS (candidate for honors)	New York City

WEED, LOWRY ALBERT.....	New York City
WEILER, EDWARD WILLIAM.....	New York City
WEINHANDLER, MILTON.....	New York City
WEISSENBORN, HENRY CHRISTIAN.....	New York City
WHITEHOUSE, FRANK VICTOR.....	Troy, N. Y.
WIENER, MERVIN GERALD.....	Newark, N. J.
WILLIAMS, GARDNER (candidate for honors).....	New York City
WISE, RAYMOND LEO.....	Douglaston, N. Y.
WITZELL, PAUL J.....	New York City
WOLFNER, IGNATIUS BENEDICT.....	New York City
WOOD, FRANCIS APPLETON.....	New York City
WOOD, PAUL MEYER.....	New York City
ZIMMER, DANIEL BECKER.....	New York City
ZOELLNER, HERBERT WILLIAM.....	Deadwood, So. Dak.

### Juniors—Class of 1917

ABRAHAMSON, EMANUEL MAURICE.....	New York City
ALLISON, STANTON WILLETT.....	New York City
ALZAMORA, ISAAC DE LA CRUZ, JR.....	New York City
ASCHER, CHARLES STERN (candidate for honors).....	New York City
ASTRACHAN, MORRIS.....	Jamaica, N. Y.
AUL, JOSEPH L.....	New York City
BACON, ROSS MATTIS.....	Mt. Vernon, N. Y.
BALDWIN, JOHN BRAITHWAITE.....	New York City
BALLAGH, HAMILTON CRAIG.....	Tokyo, Japan
BARISH, THOMAS.....	New York City
BARTH, AUGUST STEPHAN.....	New York City
BEALS, JOHN DAVID, JR.....	New York City
BELLINGER, FREDERIC C.....	New York City
BENNETT, CHARLES W., JR.....	New York City
BERINSTEIN, WILLIAM.....	New York City
BERZON, HAROLD.....	New Rochelle, N. Y.
BICKEL, REDDICK HOMER.....	San Francisco, Cal.
BLASSENSTEIN, JOSEPH.....	New York City
BLAUSTEIN, MAURICE.....	Yonkers, N. Y.
BLEWETT, GEORGE FRANCIS.....	Jamestown, No. Dak.
BOWEN, WILLIAM SPENCER.....	Honolulu, Hawaii
BOWERS, FRANK COLLIS.....	New York City
BOWLES, JOSEPH P.....	New York City
BREAKSTONE, RAPHAEL.....	New York City
BRENNECKE, ERNEST (candidate for honors).....	New York City
BROUS, LEONARD.....	New York City
BULLWINKEL, HARRY GRIFFIN.....	New York City
BURGHARD, FREDERICK JOHN.....	New York City
BURKE, STEPHEN PATRICK.....	New York City
BURNETT, ALONZO PERINE.....	West Summit, N. J.
BUSH, IRVING.....	New York City
CAYGILL, HARRY WINANT.....	Mt. Vernon, N. Y.
CHASAN, ISAAC.....	New York City
CLUTE, TRACY AMERMAN.....	Garden City, N. Y.
COHEN, AARON.....	New York City
COHEN, AARON BARNETT.....	New York City
COLLVER, JULIUS PENNEZ.....	Rockford, Ill.
COOPER, GEORGE V.....	New York City
CRONK, HARVEY MORTON.....	New York City
CULMAN, OTTO.....	New York City
DALY, RAYMOND JOSEPH.....	New York City

DAVIDSON, HAROLD BERTRAM.....	New York City
DAVIDSON, J. CLYDE.....	New York City
DAVIS, WALTER E.....	Millers Place, N. Y.
DE GRAFF, BARTHOLOMEW ROBINS.....	New York City
DENISON, ARCHIBALD CAMPBELL.....	New York City
DERBYSHIRE, ALFRED JAMES, JR.....	New York City
DOHRENWEND, GUSTAV JOHN.....	New York City
DOHRENWEND, OTTO EWALD.....	New York City
DREYER, SAMUEL.....	New York City
EAMES, ARTHUR GEORGE.....	London, England
EARLE, EDWARD MEAD (candidate for honors).....	New York City
EISENMAN, WILLIAM.....	Millstone, N. J.
EVERSON, ROBERT KENNETH.....	New York City
FEZANDIE, EUGENE HECTOR.....	New York City
FIERSTEIN, JACOB.....	New York City
FLOWER, WALTER CRAWFORD.....	Passaic, N. J.
FOX, DONALD ROSSITER.....	New York City
GEIB, AMOS PHILIP.....	Manheim, Pa.
GERDY, ISIDOR.....	Lakewood, O.
GERTZ, LOUIS.....	Jamaica, N. Y.
GILL, GEORGE ANTHONY.....	New York City
GINZBURG, DAVID.....	New York City
GINZBURG, SAMUEL.....	New York City
GLUCK, EDWARD (candidate for honors).....	New York City
GOERLICH, ARTHUR CYRUS.....	New York City
GOLD, GEORGE.....	Paterson, N. J.
GOLDSTEIN, MAX MICHAEL.....	New York City
GOLEMBE, HARRY.....	New York City
GOLLIEK, WILLIAM ANTHONY.....	Jersey City, N. J.
GOODHUE, CHARLES PRENTICE.....	New York City
GOODMAN, DAVID.....	New York City
GORDON, KENNETH JAMES.....	Weehawken, N. J.
GOULD, GEORGE JAY, JR. (candidate for honors).....	New York City
GROPPER, MILTON HERBERT.....	New York City
HAAS, LOUIS.....	New York City
HAIGHT, VINCENT WYMAND.....	Montrose, N. Y.
HALTER, CLARENCE ROBERT.....	New York City
HAMILTON, OLIVER THEODORE.....	Indianapolis, Ind.
HAMMARSTROM, CHARLES ARCHIBALD.....	New York City
HANDIN, LOUIS.....	New York City
HARRISON, JAMES RENWICK.....	McKeesport, Pa.
HENDERSON, FRANCIS TRACY.....	Hunter, N. Y.
HERMAN, HARRY.....	New York City
HERSTEIN, KARL MARX.....	New York City
HEYDECKER, CREAGH MITCHELL.....	New York City
HILLMAN, WILLIAM.....	Ellenville, N. Y.
HINES, THOMAS AUSTIN.....	Newark, N. J.
HIRONS, GARDNER, JR.....	New York City
HIRSHFIELD, IRA WILSON.....	New York City
HOOVEN, WILBUR THOMAS, JR.....	Tenafly, N. J.
HOURLICH, ISKANDER.....	New York City
HOWE, ROBERT WOOD.....	New York City
HUANG, TIEN MING.....	Hinghwa, China
HUGHES, JAMES FEARL (candidate for honors).....	New York City
HUGHES, WILLIAM M., JR.....	Albany, N. Y.
HYMAN, CHARLES.....	New York City
KANG, WAI.....	New York City
KASSEL, MORRIS.....	New York City

KATZ, HYMAN ABRAHAM.....	New York City
KENNEDY, DANIEL EDWIN.....	New York City
KENT, STANLEY L.....	Walden, N. Y.
KERN, MAX.....	New York City
KIMBALL, LINDSLEY FISKE.....	New York City
KIRWAN, ARTHUR JOSEPH.....	New York City
KLEIN, SIDNEY.....	New York City
KLINGENSTEIN, PERCY.....	New York City
KNOBLOCH, GEORGE HAROLD.....	New York City
LANGTHORN, JACOB STINMAN, JR.....	New York City
LEDING, ROBERT HERRMANN (candidate for honors).....	Ridgewood, N. J.
LEEDE, HORST EDWARD HERMANN.....	New York City
LEERBURGER, BENEDICT AARON.....	New York City
LEVIN, HENRY.....	Yonkers, N. Y.
LEVIN, JASPER JOSEPH.....	New York City
LEWIS, KENNETH MARK.....	Short Hills, N. J.
LICCIONE, WILLIAM TITUS MARIUS.....	Mt. Vernon, N. Y.
LITTAUER, EMANUEL VICTOR.....	New York City
LORENZ, ROBERT HOWARD.....	New York City
McKEON, JOHN WHITTEN.....	New York City
MALCOMSON, EDWARD BENSON.....	West Orange, N. J.
MANGES, HORACE SAMUEL.....	New York City
MANKIEWICZ, HERMAN JACOB.....	New York City
MARTIN, GEORGE WASHINGTON.....	New York City
MATTISON, SIDNEY.....	New York City
MAXWELL, WILLIAM GEORGE.....	Dunmore, Pa.
MEAGHER, EDWARD COLUMBA.....	Montclair, N. J.
MEBANE, DONALD CUMMINS.....	Wilkes Barre, Pa.
MEYER, HARRY H.....	New York City
MINSKY, HENRY.....	New York City
MINTURN, THOMAS.....	New York City
MOOLTEN, RALPH REMBRANDT.....	New York City
MORCH, EDWARD HENRY.....	New York City
MUDD, SEELEY GREENLEAF.....	Los Angeles, Cal.
MUMFORD, GEORGE HART.....	New York City
MURPHY, HUGH WALLACE.....	New York City
MURRAY, CHARLES V.....	Verplanck, N. Y.
MYERS, WAYNE VERNON (candidate for honors).....	Rochester, N. Y.
NELSON, JAMES HOMER.....	Pocantico Hills, N. Y.
NEWMAN, JEROME A.....	New York City
NOBLE, JAMES KENDRICK.....	Yonkers, N. Y.
NODINE, EDWIN ROGERS.....	New Rochelle, N. Y.
NORTON, BRAINARD CLEVELAND.....	Southport, Conn.
NUESE, ROBERT EDWARD, JR.....	New York City
OBERRENDER, GIRARD FRANKLIN.....	South Orange, N. J.
ORAM, RUSSELL MAXFIELD.....	New Brunswick, N. J.
PADDOCK, ARTHUR KITTREDGE.....	New York City
PALMER, HOWARD WELCH.....	Watertown, N. Y.
PEPER, FREDERICK JOHN.....	New York City
PERKINS, RAYMOND LAMONT.....	New York City
PERLA, LEO.....	New York City
PLEUS, HENRY.....	New York City
POHLMANN, HARRY FRANCIS.....	Middletown, N. Y.
PONEMONE, IRVING W.....	New York City
POSNER, HERBERT.....	New York City
POTT, RICHARD MONCRIEFF.....	New York City
PROFFITT, CHARLES GEORGE.....	Garnerville, N. Y.
RANKIN, WILLIAM.....	Newark, N. J.

RANSOHOFF, NICHOLAS SIGMUND.....	New York City
REAGAN, CHARLES AUSTIN.....	Norfolk, N. Y.
REESE, RAYMOND.....	Yonkers, N. Y.
REINHEIMER, HOWARD EMANUEL.....	New York City
RILEY, GEORGE WASHINGTON (candidate for honors).....	New York City
RITTER, LAWRENCE JOHN.....	New York City
RIVELSON, SAMUEL MORSE.....	New York City
ROBINSON, T. ARNOLD.....	Alma, Mich.
ROGERS, JOHN WILLIAM.....	Troy, N. Y.
ROSENBERG, JULIAN DELLEVIE.....	New York City
ROSENBLUM, DAVID INGERSOLL.....	New York City
ROSENTHAL, MORRIS SIGMUND.....	New York City
ROTHENBERG, WILLIAM.....	New York City
RUSSELL, JAMES EARL, JR.....	New York City
SACHAROFF, LEO SAMUEL.....	New York City
SANDALLS, GEORGE T., JR.....	New York City
SANDERS, GILBERT.....	New York City
SAULPAUGH, LINCOLN M.....	New York City
SEABORO, JOHN GEORGE.....	Fort Lee, N. J.
SCHENCK, WILLIAM RAPELYEA.....	Bayside, N. Y.
SCHMITT, ROSWELL LAWRENCE.....	Middletown, N. Y.
SCHULTE, HERBERT AUGUST.....	Newark, N. J.
SCHWARTZ, PHILIP.....	Jersey City, N. J.
SELDOWITZ, MORTON.....	New York City
SHAPIRO, THOMAS ARTHUR.....	New York City
SHAVELSON, ABRAHAM BENEDICT.....	New York City
SHIBLEY, MAURICE.....	New York City
SHLEVIN, EDMUND LESTER.....	New York City
SIMMONS, ALLEN RIFENBURG.....	Claverack, N. Y.
SINGER, ISIDOR NATHANIEL.....	New York City
SPIER, FRANKLIN.....	New York City
STARKE, EMORY POTTER.....	New York City
STECKER, WILLIAM WALTER.....	New York City
STEINKE, CHRISTOPHER FREDERICK.....	Seattle, Wash.
SUCKLEY, ARTHUR RUTSEN, JR.....	Rhinebeck-on-Hudson, N. Y.
STRICKLAND, HAROLD ALBRO GARDNER.....	Port Washington, N. Y.
TABER, JOHN HUTTLESTON.....	New York City
TEALL, HENRY PAULL (candidate for honors).....	Bloomfield, N. J.
TODD, KENNETH WILLIAM.....	Dobbs Ferry, N. Y.
TOWNS, EDWARD BARBOUR.....	New York City
TOWNSEND, LONDON McDUFFIE.....	Raynham, N. C.
TUCKER, FRANK LANDALE, JR.....	New York City
VAN DE WATER, STERLING HAWES.....	Pompton Lakes, N. J.
VAN NESS, CARL COUDERT.....	Newark, N. J.
VON EMBURGH, GEORGE HENRY.....	Arlington, N. J.
WAGNER, RICHARD, JR.....	New York City
WARD, FRANK TAYLOR.....	New York City
WEINBERG, FRANK J. C.....	New York City
WELDING, JAMES RUSSELL.....	Hillsdale, N. J.
WIGGINS, THEODORE DU BOIS (candidate for honors).....	Freeport, N. Y.
WILBER, ARTHUR BOYNTON.....	Potsdam, N. Y.
WILLIAMS, SPENCER CHARLES (candidate for honors).....	Buffalo, N. Y.
WORMSER, RENÉ ALBERT.....	New York City
WURZBACH, FREDERICK ALFRED, JR.....	New York City
ZASOKSKY, PAUL.....	Johnstown, Pa.
ZEIGER, SAMUEL.....	New York City
ZUEGE, HERMAN WILLIAM.....	New York City
ZYCHLINSKI, LECH WOJCIECH.....	New York City

## Sophomores — Class of 1918

ABELL, ROSS ADAMS.....	New York City
ABRAHAM, GEORGE CRAWFORD.....	New York City
ABRAHAMS, HENRY BRASH.....	New York City
ABRAMSON, ALEXANDER ELIAS.....	New York City
AIMEE, JOSEPH M.....	New York City
ALBRECHT, IRA WERNER.....	New York City
ALGASE, ABRAHAM.....	New York City
APPLEBEE, EDWARD WARD.....	Ossining, N. Y.
ARMSTRONG, CARLOS GABRIEL.....	New York City
ARONOFF, JACOB BROCHES (candidate for honors).....	New York City
ARONSON, MORRAY KINGDON (candidate for honors).....	New York City
ASH, MERVIN, JR.....	New York City
AUL, HAROLD EDWARD (candidate for honors).....	New York City
BACON, LEONARD WOOLSEY, JR.....	New Haven, Conn.
BAEYERTZ, FRANCIS PHELPS.....	Whittier, Cal.
BAKER, JOHN PERCY.....	New York City
BAROVICK, SIDNEY HYMAN.....	New York City
BARTO, EVERETT WHEELER.....	Ossining, N. Y.
BAXTER, GEORGE ROSWELL.....	New York City
BERGMANN, CARL ALFRED OSCAR, JR.....	New York City
BERKOWITZ, EDGAR LOUIS.....	New York City
BEUERMAN, R. TICK.....	New York City
BIJUR, JEROME M.....	New York City
BONIME, RALPH GABRIEL.....	New York City
BRACE, ERNEST FRANK (candidate for honors).....	New York City
BROWN, CHESTER RICHARD.....	New York City
BROWN, FARRINGTON WADE.....	New York City
BROWN, JOSEPH HENRY.....	Florida, N. Y.
BROWN, WILLIAM BERNARD.....	New York City
BULL, CLIFTON BANHAM, JR. (candidate for honors).....	New York City
BULLOCK, HARRY LESLIE.....	Chappaqua, N. Y.
BUNNEKAMP, WILLIAM EDWARD.....	South Englewood, N. J.
BUSCH, LAWRENCE CARL VICTOR.....	Elizabeth, N. J.
CAMP, CHARLES WELLNER.....	Newark, N. J.
CASSASA, ALFRED BARTHOLOMEW.....	New York City
CHAMBERLAIN, KENYON FIELD.....	Cornwall, Conn.
CHANG, YUN.....	Shensi, China
CHEW, WILLIAM NEWMAN.....	Babylon, N. Y.
CLARKEN, JOSEPH AUGUSTINE.....	Paterson, N. J.
CLEARY, EUGENE H.....	New York City
CLEVELAND, JAMES HARLAN.....	New York City
COCHRAN, DAVID AUSTIN.....	New York City
COKEFAIR, ALLEN JEROME.....	Yonkers, N. Y.
CONE, HAROLD JOSEPH.....	New York City
CONRAD, WILLIAM LEAMAN.....	Watkins, N. Y.
CONTI, ANTONIO M.....	Yonkers, N. Y.
COOK, RALPH CUMMINGS.....	New York City
COOPER, FRANK BRADFORD.....	New York City
COUDERT, FREDERIC RENÉ, JR. (candidate for honors).....	New York City
COUMBE, HAROLD ALBERT.....	New York City
COUNTISS, FREDERICK NAPOLEON.....	Chicago, Ill.
COURTNEY, HOWARD WRIGHT.....	New York City
COWEN, RUDOLPH HENRY.....	New York City
CRAWFORD, ARTHUR RICHARD.....	New Rochelle, N. Y.
CREHAN, JOHN PATRICK.....	New York City
CRISWELL, WILLIAM THOMAS, JR.....	New York City



CROCE, JOSEPH	New York City
CROMBIE, ROBERT JOHN	Peoria, Ill.
CURRY, ARCHIBALD CHICHESTER	New York City
CURRY, DAVID AUGUST	New York City
DE BELLIS, HANNIBAL	New York City
DECKER, RALPH KEMPTON	New Rochelle, N. Y.
DE MOTT, LYTLE OSMUN	Hackensack, N. J.
DE MURIA, ERNEST HAROLD	New York City
DENNIS, JOHN ALLSTON, JR.	Westfield, N. J.
DI LORENZO, COSTABILE	New York City
DOHM, JOHN CHRISTIAN	New York City
DONALDSON, JAMES HOWLAND	New York City
DONNELL, RICHARD ROBINSON	New York City
DONOHU, JAMES BALLARD	New York City
DOWDALL, GEORGE CHARLES	New York City
DREUX, PAUL SEYMOUR	New York City
DURST, ABRAHAM	Rahway, N. J.
DUSKIS, LEOPOLD	New York City
EFRON, ALEXANDER	New York City
ERPF-LEFKOVICS, ARMAND GROVER	New York City
EWERS, CARLE PERCY	New Brunswick, N. J.
FAIRCHILD, HOXIE NEALE	New York City
FALK, STANLEY G.	Buffalo, N. Y.
FANELLI, ROCCO	New Rochelle, N. Y.
FARER, CHARLES	New York City
FARR, FREDERICK LOCKROW	Mt. Vernon, N. Y.
FELDMAN, PHILIP	New York City
FISHER, HENRY JACOB, JR.	New York City
FISHMAN, MELVIN	New York City
FREDERICKS, JAMES TORREY	Bradford, Pa.
FREUDENHEIM, LEON DAVID	Yonkers, N. Y.
FRIEDENBERG, DAVID	West Hoboken, N. J.
FROSCH, HYMAN LOUIS	New York City
FUNCKE, WALTER ARTHUR	New York City
GAYNOR, CLARENCE ALFRED FRANCIS	New York City
GERBEREUX, WALTER DANIEL (candidate for honors)	Yonkers, N. Y.
GILLETTE, GEORGE WOLCOTT TROFAST	Garden City, N. Y.
GLASS, EMANUEL	Suffern, N. Y.
GREENBERG, S. LAWRENCE	New York City
GREENOUGH, GEORGE BARTLETT	Saranac Lake, N. Y.
GRUSSNER, AUREL NEVILLE	New York City
GUERIN, JOSEPH KIRBY	New York City
GUILSHAN, JOHN HENRY	New York City
GUTMANN, JAMES	New York City
HADAD, ISAAC ALPHIE	New York City
HAJEK, CHARLES WILLIAM	Winfield, N. Y.
HALLOCK, EDWARD STORY	Mt. Vernon, N. Y.
HALPERN, SAMUEL	Newark, N. J.
HALPIN, JOHN HENRY	Potsdam, N. Y.
HANEMANN, HENRY WILLIAM, 2d	New York City
HARRISON, CHRISTOPHER JOSEPH (candidate for honors)	New York City
HARRISON, EMANUEL EMILE	New York City
HARTWIG, CARL ERICHS	New York City
HELDT, FRANCIS HENRY	New York City
HERMAN, ALEXANDER	New York City
HERZ, CHARLES	Lexington, Ky.
HOLLANDER, CLIFFORD	New York City
HOLST, WILLIAM A., JR.	New York City

HONIGSTOCK, DANIEL.....	New York City
HOROWITZ, HARRY.....	New York City
HUBER, HANS.....	New York City
HUTNER, SYDNEY.....	New York City
ILLMAN, FLETCHER GILLESPIE.....	Pine Brook, N. J.
INGERSOLL, CHANDLER DYMOCK.....	New York City
IVINS, CARROLL PERRY (candidate for honors).....	Trenton, N. J.
JACOBSEN, WALTER HENRY.....	Perth Amboy, N. J.
JACOWITZ, HARRY.....	New York City
JAFFE, PHILIP J.....	New York City
KALT, HAROLD LESLIE.....	New York City
KANE, HENRY SENEY.....	New York City
KAPLAN, LEO.....	New York City
KAUFMAN, ABRAHAM JACOB.....	New York City
KAUFMAN, LEON DAVID.....	New York City
KIRSH, BENJAMIN SOLLOW.....	New York City
KNICKERBOCKER, WILLIAM SKINKLE.....	New York City
KNOTE, FREDERICK CORNING.....	New York City
KNOX, LEONARD WEST.....	Glen Ridge, N. J.
KOWARSKY, LOUIS.....	New York City
KRAELING, CARL HERMANN.....	New York City
KRAFT, RUDOLF LOUIS.....	New York City
KREUTZER, LOUIS GEORGE.....	New York City
KUNHARDT, KINGSLEY.....	New York City
KURZROK, RAPHAEL.....	New York City
KUYKENDALL, CLARK PORTER.....	Towanda, Pa.
LA BARRE, NELSON EUGENE.....	New York City
LAHEY, RICHARD WILLIAM.....	New York City
LANGE, HERBERT WALTER.....	White Plains, N. Y.
LAPOLLA, MAZZINI SAVINO (candidate for honors).....	New York City
LATHROP, ALBERT SPICER.....	Shelton, Conn.
LATOUR, CASPER CHARLES.....	New York City
LEAVITT, PHILIP B.....	New York City
LEDER, IRVING.....	New York City
LEHMAN, HART.....	New York City
LEVINE, MEYER.....	New York City
LEYS, DUNCAN W.....	Yonkers, N. Y.
LIEBERMAN, SAMUEL HARRY.....	New York City
LOBSENZ, MEYER.....	Passaic, N. J.
LOISEAUX, ROLAND LOUIS (candidate for honors).....	New York City
LOORAM, LUCIEN APPLEBY.....	New Rochelle, N. Y.
LU, SHI YUNG.....	Luliang, China
MCCABE, SELDEN PARTRIDGE.....	Cold Spring-on-Hudson, N. Y.
MCCRACKEN, THOMAS E.....	New York City
MCDERMOTT, WILLIAM.....	Guttenberg, N. J.
MCGARVEY, EDWARD, JR.....	New York City
MCKIM, ROBERT REMSEN.....	New York City
MCKINLESS, RAYMOND.....	New York City
MACHACEK, GERALD FRANK.....	New York City
MACKSEY, KENNETH WILLIAM.....	East Orange, N. J.
MACMAHON, THOMAS JOSEPH.....	Holyoke, Mass.
MAHNKEN, HAROLD JOHN.....	New York City
MANNING, WALTER JOHN.....	Ogdensburg, N. Y.
MANSBACH, PERCY PURCELL.....	New York City
MARCUS, LAWRENCE.....	New York City
MARLEY, GIBBONS HAYES.....	Warfordsburg, Pa.
MARKS, EDWARD SIDNEY.....	Arlington, N. J.
MARTYN, BURR (candidate for honors).....	New York City

MARK, ERNEST ALBERT.....	New York City
MASSETT, CHESTER STEPHEN (candidate for honors).....	Flushing, N. Y.
MAUE, PETER.....	New York City
MEI, CHENK SHANG.....	New York City
MEISTERMAN, SAMUEL G.....	Arlington, N. J.
MERRITT, GEORGE HUNTER.....	Newburgh, N. Y.
MERTL, JOHN MICHAEL.....	New York City
MESSINA, JOSEPH.....	New York City
MICHAELIAN, FRANK M.....	New York City
MILLER, HOWARD MILTON, 2d.....	New Rochelle, N. Y.
MINOLI, SILVIS A.....	New York City
MORRIS, EDWIN ANDERSON.....	New York City
MURRAY, CORNELIUS BYRON.....	Winthrop, N. Y.
MURRAY, JOHN PAUL THOMPSON.....	New York City
MUSSEUS, WILLIAM THEODORE.....	New York City
NADEL, LOUIS.....	New York City
NAYFACK, BERTRAM SAUL.....	New York City
NICHOLS, LAWRENCE HERBERT.....	East Lynn, Mass.
NOË, JAMES THURSTON.....	Newark, N. J.
O'LOUGHLIN, ROBERT ROY.....	New York City
OPPENHEIM, SAUL.....	New York City
OSSWALT, OSCAR HAROLD.....	New York City
PAPP, JOHN JULIAN.....	New York City
PASNER, SAMUEL DAVID (candidate for honors).....	New York City
PAULEY, CHARLES THOMAS.....	Ridgebury, N. Y.
PENNELL, ROBERT OTIS.....	Newark, N. J.
PERSKY, ARTHUR.....	New York City
PICKETT, RALPH E.....	New York City
PIEL, RUDOLF ALFRED.....	New York City
PINES, ROBERT ABRAHAM.....	New York City
POST, LORING WHITING.....	Chicago, Ill.
PRANSPIILL, ANDREW.....	New York City
PRICE, IRVING ISIDORE.....	New York City
PROCHAZKA, JULIUS ALBERT.....	New York City
RABINOVITCH, WOLF.....	Russia
RAYMOND, BERNARD.....	New York City
RAYMOND, CARRINGTON.....	New York City
REDPATH, ALBERT GORDON (candidate for honors).....	Vineland, N. J.
REGAN, JOSEPH GERARD.....	New York City
REHLAENDER, DOUGLAS LINCOLN.....	Albany, N. Y.
REICHLE, HERBERT SIEGFRIED.....	Irrington, N. J.
RETTKER, WALTER FREDRIC.....	Hilton, N. J.
RHODEBECK, EDMUND J.....	Flushing, N. Y.
RIGHI, A. HARRY (candidate for honors).....	New York City
RIPIN, MORTIMER M.....	New York City
RITTER, HERBERT JULIUS.....	New York City
ROBBINS, HADDON SPURGEON.....	Edgewater, N. J.
ROBERTS, MEREDITH JONES.....	New York City
ROGERS, GEORGE GAILLARD.....	Newark, N. J.
ROGERS, HENRY MEAD.....	Fond du Lac, Wis.
ROSE, HAROLD ARTHUR (candidate for honors).....	Mt. Vernon, N. Y.
ROSEN, HYMAN WILLIAM.....	New York City
ROSEN, ISIDORE THEODORE.....	New York City
ROSEN, JAMES M.....	New York City
ROSENZWEIG, JOSEPH.....	Hackensack, N. J.
RUSSAKOW, RAPHAEL PHILIP.....	Buffalo, N. Y.
SAVILLE, RANDOLPH MARSHALL.....	New York City
SCHAEDEL, THOMAS GEORGE.....	New York City

SCHIFF, JACK H.	New York City
SCHMELZEL, JAMES HENRY, JR.	New York City
SCHNEIDER, JACOB	Newark, N. J.
SCHOENBROD, EDWARD JOSEPH	New York City
SCHWANDA, CHARLES BENEDICT	Winfield, N. Y.
SCOTFIELD, LAWRENCE STRANAHAN	Warren, Pa.
SEALY, DONALD FARRINGTON	New York City
SHAPIRO, NATHANIEL SAMUEL	New York City
SHEVLIN, MATTHEW JOSEPH	New York City
SHUFORD, LAWRENCE STANLEY	New York City
SICKELS, ROBERT	West Nyack, N. Y.
SILBERBLATT, THEODORE	New York City
SILLIMAN, JOSEPH EDWARD, JR.	New York City
SMITH, CARLOS BJERCK	New York City
SMITH, RONALD BRINKERHOFF	East Orange, N. J.
SMITH, WALTER BATTLE	Havana, Cuba
SOMBERG, JOSEPH S.	New York City
SPERO, STERLING DENHARD	New York City
STAATS, WILLIAM AUGUST	New York City
STEIN, JOSEPH FREDERICK	West New York, N. J.
STEINER, CHARLES IGNATIUS	New York City
STEINER, HARRY	Newark, N. J.
STERN, ABNER	New York City
STONE, CHAUNCEY WARREN	New York City
STREGER, PAUL	New Rochelle, N. Y.
STROUSE, IRVING SITTFENFIELD	New York City
SUCOFF, MOSES	Passaic, N. J.
SULLIVAN, GEORGE GAYNEL	Ossining, N. Y.
SULLIVAN, HENRY ARTHUR	New York City
SWINBURNE, RALPH ERSKINE	Hackensack, N. J.
THATCHER, HAROLD WESLEY	New York City
THOMASHEFSKY, MILTON	New York City
THOMPSON, EDMUND BURKE, JR.	New York City
TONKS, LEWI	New York City
TOOMBS, FRANCIS ROYÉ	New York City
TREE, RUSSELL MILLER	Freeport, N. Y.
TROWBRIDGE, JOHN HOWARD	Chatham, N. J.
TURNER, ALVA	Briarcliff Manor, N. Y.
VALENTINE, STEPHEN, JR.	New York City
VAN RAALTE, BYRON EMANUEL	New York City
VEDDER, HARMON BOULTBEE	New York City
VOLCKENING, LLOYD, I. V.	New York City
VOLLMER, HERBERT EBERHARD	New York City
VREELAND, JOHN BEARN	Maplewood, N. J.
WADELTON, WILLARD STRATTON	Hartsdale, N. Y.
WALLACH, MILTON	New York City
WARD, JOSEPH VINCENT	Toronto, Canada
WARD, PETER THOMAS	New York City
WATERMAN, CHANDLER	Brattleboro, Vt.
WATT, ROSS WELLINGTON	Burley, Idaho
WATTENMAKER, JACOB	Pittsburgh, Pa.
WATTERS, CHARLES FRANCIS	New York City
WEIGELE, CARL EDWARD	Jersey City, N. J.
WEINTRAUB, PAUL	New York City
WELLS, WILLIAM HENRI	Medina, N. Y.
WELT, BERNARD	New York City
WESTERBEKE, WILLIAM HENRY	West Sayville, N. Y.
WILSHOUSEN, HERBERT FRANK	New York City

WILSON, FRANK RAY.....	Middletown, N. Y.
WILSON, WILLIAM CHRISTOPHER.....	New York City
WINANS, CHESTER BUTHE.....	Yonkers, N. Y.
WRIGHTSMAN, CHARLES BIERER.....	New York City
YERKES, HARRY A., JR.....	New York City
ZELTNER, GUSTAV ADOLPH (candidate for honors).....	New York City

## Freshmen — Class of 1919

ABRAHAMS, IRVING MILTON.....	New York City
ADAMOVSKY, JOSEPH.....	New York City
ADAMS, MORRIS.....	New York City
ALTON, LEONARD STANLEY.....	New York City
AMILL, LUIS ANTONIO.....	Mayagüez, Porto Rico
ANDERSON, CHESTER THOMAS.....	New York City
ANELLO, VINCENT.....	New York City
ASCH, JOSEPH.....	New York City
ASHLEY, HOMER CHAMPION.....	New York City
AUFSES, ARTHUR HAROLD.....	New York City
AVENIA, ANTHONY JOHN.....	Jamaica, N. Y.
AWAD, REGINALD.....	New York City
BAER, LAWRENCE HENRY.....	Nyack, N. Y.
BARATTA, ACHILLE FRANCESCO.....	New York City
BARBER, LESTER ALEXANDER.....	New York City
BARBOUR, LAMONT.....	New York City
BARD, M. TAYLOR.....	Pleasantville, N. Y.
BARRETT, CHARLES RICHARD.....	New York City
BARSTOW, FREDERIC DUCLOS.....	Great Neck, N. Y.
BATTEN, AUGUSTUS GEORGE.....	Rye, N. Y.
BECK, LUTHER BRANDT.....	New York City
BECK, SAMUEL WALTER.....	New York City
BECKER, KURT.....	Elizabeth, N. J.
BELLER, WILLIAM CHARLES.....	New York City
BELLOWS, FREDERICK MORROW.....	Mamaroneck, N. Y.
BERG, MAURICE.....	North Petersburg, N. Y.
BERKEY, PAUL AINSWORTH.....	Palisade, N. J.
BERLE, CHARLES HENRY.....	Newark, N. J.
BERNARD, ABBOTT.....	New York City
BERNARD, EDWARD.....	New York City
BIRDSALL, CHARLES GRIFFEN.....	Clinton Corners, N. Y.
BLACKMAN, ISIDORE NATHAN.....	New York City
BLANCK, AARON PERCIVAL.....	New York City
BLOCH, MONROE.....	New York City
BORSHAW, HYMAN.....	Hoboken, N. J.
BOYCE, CYRIL.....	Freeport, N. Y.
BRADLEY, ERIC HEYWOOD.....	New York City
BRANDSTEIN, JOSEPH S.....	New York City
BRAUNSTEIN, DAVID.....	New York City
BREWSTER, WILLIAM HENRY.....	Lake Placid, N. Y.
BRIGHT, BRIGHTON W.....	Woodport, N. J.
BRIGHT, FREDERICK MARSHALL.....	Elizabeth City, N. C.
BRODERICK, JOSEPH H.....	Yonkers, N. Y.
BROUN, LE ROY LAVALETTE.....	New York City
BROWN, JOHN W.....	Florida, N. Y.
BROWN, WILLIAM BARRETT.....	Mamaroneck, N. Y.
BROWNING, JOHN SCOTT, JR.....	New York City
BRUMBERG, ZELTON CLARENCE.....	Buffalo, N. Y.
BUONAGURO, MICHAEL JAMES.....	New York City

BURDICK, RUSSELL DEWEY	New York City
BURNES, WILLIAM RYAN	Port Chester, N. Y.
BURNS, ALAN ELMER	Madison, N. J.
BUTTENWIESER, BENJAMIN	New York City
BUTTENWIESER, CLARENCE	New York City
BYRNE, WILLIAM JOSEPH	New York City
CALDWELL, HAROLD BIEDLER	Mt. Vernon, N. Y.
CALLAHAN, WALTER STEWART	New York City
CALLAWAY, CHARLES WILBER	Orange, N. J.
CAMPBELL, COLIN BOWN	New York City
CAMPBELL, HENRY BOOTH	New York City
CAMPBELL, JOHN ROBERT	Herkimer, N. Y.
CAPEK, THOMAS	New York City
CARROLL, JAMES EDWARD	New York City
CHAMBERLIN, MAXWELL EUGENE	Buffalo, N. Y.
CHELOWITZ, ISRAEL ROBERT	New York City
CHRISTOFFERS, CARL	New York City
CIESER, SAUL	Monticello, N. Y.
COATES, WHITFIELD CLARKE	New York City
COHEN, JOSEPH HENRY	New York City
COHEN, MAURICE A.	New York City
COHEN, NATHAN BERNARD	New York City
COHN, SAMUEL	Newark, N. J.
COLLINS, VIRGIL DEWEY	Congers, N. Y.
CONDON, JOHN FRANCIS, JR.	New York City
CONROY, THOMAS FRANCIS	New York City
COOK, SEYMOUR HOUGHTON	New York City
COOPER, SAMPSON	New York City
CORIGLIANO, FRANK	Ossining, N. Y.
CORTRIGHT, ALFRED McKELVEY	Middletown, N. Y.
COSGROVE, THOMAS FRANCIS	Peekskill, N. Y.
COVELLO, JOSEPH	New York City
COWAN, PERCIVAL EDMOND	New York City
CREE, ALBERT ALEXANDER	Tyrone, Pa.
CULLOTON, BERNARD ALOYSIUS	Kingston, N. Y.
DALY, GEORGE ALPHONSUS	New York City
DANZIGER, GABRIEL	New York City
DARMSTATTER, NORMAN ERNEST	Passaic, N. J.
DASH, THOMAS	New York City
DAY, GEORGE GERALD	Buffalo, N. Y.
DECKER, MALCOLM GROVE	Hoopeston, Ill.
DEHLS, FREDERICK	New York City
DESPRES, JOSEPH ALFRED	New York City
DIETZ, MILTON	New York City
DIETZ, WILLIAM ARTHUR	Mt. Vernon, N. Y.
DOLINSKY, ISIDOR	New York City
DOOLITTLE, ARTHUR KING	Oberlin, O.
DOWNES, DORRANCE ALBERT	New York City
DRUSS, JOSEPH G.	New York City
DUNN, FRED SQUIER, JR.	Passaic, N. J.
ELSWORTH, RANDOLPH MARTIN	Irvington-on-Hudson, N. Y.
EMPIE, CARLOS D.	Seward, N. Y.
EPSTEIN, HUGO IRVING	New York City
EVENCHICK, ABRAM	New York City
FAIRFIELD, JOHN	East Orange, N. J.
FAY, GEORGE HERBERT	New York City
FELDMAN, ROBERT HUGH	New York City
FELLER, HENRY	New York City

FELSHIN, MAX.....	New York City
FELSTINER, WILLIAM.....	New York City
FERNANDEZ, MANUEL.....	New York City
FINE, MOSES.....	New York City
FISCHER, BRADLEY MARSHALL.....	New York City
FISCHER, DIETERICH PAUL M.....	New York City
FISCHER, KARL FERDINAND JOSEPH.....	New York City
FISHBERG, ARTHUR MAURICE.....	New York City
FISHER, ROBERT COCKBURN, 2D.....	New York City
FITZ GERALD, GORDON PENDLETON.....	New York City
FOLEY, MAURICE.....	Yonkers, N. Y.
FOWLER, THOMAS LOWNDES.....	New York City
FRANKEL, LEE KAUFER, JR.....	New York City
FRANKLIN, ROGER GERALD.....	New York City
FRANT, SAMUEL.....	Newport, R. I.
FREAS, ROYAL BRUCE.....	Leonia, N. J.
FREEDMAN, JOSEPH LEON.....	New York City
FREY, ALEXANDER HAMILTON.....	New York City
FRIED, SANFORD.....	New York City
FRIESS, HORACE LELAND.....	New York City
FROMHOLZ, ADOLPH STANLEY.....	Hastings-on-Hudson, N. Y.
GALLICO, PAUL WILLIAM.....	New York City
GALLUP, THEODORE.....	Albany, N. Y.
GARCIA, JOSÉ MANUEL.....	New York City
GEISLER, J. EDWARD.....	New York City
GERTNER, MAURICE.....	New York City
GIBSON, JAMES BRODERICK.....	Buffalo, N. Y.
GIGLIO, ALPHONSO SALVATORE.....	Elizabeth, N. J.
GILLIS, ADOLPH.....	New York City
GINSBURG, ISIDOR.....	New York City
GLENN, GROSVENOR EUGENE.....	New York City
GOERLICH, EMIL ADOLPH.....	New York City
GOLDBERG, AARON NATHAN.....	New York City
GOLDBERG, BENJAMIN.....	New York City
GOLDBERG, CLARENCE PHILIP.....	Rockville Center, N. Y.
GOLDEY, NATHAN.....	New York City
GOLDSCHLAG, PAUL ETHAN.....	New York City
GOLDSTEIN, ISIDOR ELLAS.....	New York City
GOLDSTEIN, MAURICE.....	New York City
GOLDSTEIN, MAX.....	New York City
GOODMAN, ARTHUR HERBERT.....	New York City
GOODMAN, ARTHUR LESLIE.....	New York City
GORDON, DANIEL.....	New York City
GORDON, HERBERT.....	New York City
GORDON, LEO.....	New York City
GRAHAM, ROBERT LINCOLN.....	New York City
GRAVES, EUGENE VAN TASSEL.....	New York City
GRAY, JAMES.....	New York City
GRAYZEL, DAVID MATHEWS.....	New York City
GREEN, NORVIN HEWITT.....	Ringwood Manor, N. J.
GRISWOLD, GEORGE, JR.....	Tuxedo Park, N. Y.
GRODIN, THOMAS MURRAY.....	New York City
GUILER, HUGH PARKER.....	Forest Hills, N. Y.
GUITERMAN, HENRY ROSENWALD.....	New York City
GUNTHER, EDWIN LAWRENCE.....	Mt. Vernon, N. Y.
HAINES, ROWLAND BOWNE.....	New York City
HALL, MARTYN LUDIKE.....	Ellsworth, Me.
HAMMER, ARMAND.....	New York City

HANFT, ISIDOR MILTON	New York City
HARRIS, ISIDORE	New York City
HART, HENRY AUGUSTINE	Morristown, N. J.
HASTINGS, EDWARD WALTON	New York City
HAUCK, JOHN	New York City
HAWKINS, RALPH CLYMER	New York City
HEACOCK, WILLARD JOB	New York City
HEARN, ALBERT EDWARD	New York City
HEGEMAN, JOSEPH COLES	New York City
HERBERT, JAMES DRUMMOND	New York City
HERBERT, PHILIP SIDNEY	New York City
HERMAN, HENRY, JR.	New York City
HERZIG, SIEGFRIED MAURICE	New York City
HERZOG, EUGENE	New York City
HETTLING, FREDERICK C.	New York City
HIRSCHHORN, SEYMOUR	New York City
HOBBS, KENNETH SLAWSON	New York City
HOBERG, HENRY GEORGE	New York City
HOCHSTEIN, JOSHUA	New York City
HOLLANDER, FRANKLIN	New York City
HOPKINS, JAMES WYATT	New York City
HORAN, EARL CAMPBELL	New York City
HRABA, JOHN FRANK FELIX	New York City
HRITZ, JOHN, JR.	Hastings-on-Hudson, N. Y.
HUELSENBECK, ALFRED LOUIS	New York City
HURWITZ, MOSES	New York City
ISAACSON, CHARLES BYRON	New York City
JACOBS, STANLEY RALPH	New York City
JACOBSON, ABE M.	Clearfield, Pa.
JACOBY, MACLEAR	New York City
JENIK, LOUIS A.	New York City
JENSEN, LEIF GEORGE	New York City
JOACHIM, BENJAMIN	New York City
JOHNSON, JOHN HOWARD	New York City
JOHNSTON, GUY ELLIS	Northport, N. Y.
JONAS, GEORGE EDWARD	New York City
JOSEPH, HENRY	Rosedale, N. Y.
KAHN, SIDNEY	New York City
KALMAN, HARRY	New York City
KANDEL, MONTEFIORE	New York City
KAPTANOCK, PETER JAMES	Yonkers, N. Y.
KARP, JOSEPH	New York City
KATZ, ABRAHAM	New York City
KATZEN, JULIUS	New York City
KELLY, GEORGE BARCHFIELD	New York City
KEMPNER, SIGMUND MARSHALL	New York City
KETCHAM, MELVILLE KERKKAMP	Rockville Center, N. Y.
KIENDL, FRANK	New York City
KILROE, JOHN CHARLES	Honesdale, Pa.
KIMBALL, FRANCIS THORNTON	New York City
KLEIN, HENRY	New York City
KOHN, ROBERT IRVING	New York City
KOPLIK, DANIEL MORRIS	New York City
KRASNOFF, GEORGE	New York City
KRETSCHMAR, RALPH GRAHAM	New York City
LAIRD, GEORGE	New York City
LANE, LEE BRITTON	Fort Worth, Texas
LANG, CARL C.	Leonia, N. J.



LANG, JOSEPH	New York City
LANGDON, MONTGOMERY	Morristown, N. J.
LAPINSKY, SAMUEL ARCHIE	New York City
LAPKIN, NATHAN	New York City
LARSON, HUBERT GAUT	New York City
LEARY, JAMES BARTLETT	New York City
LEE, DONALD WILLIS	New York City
LEERBURGER, ALLAN BADER	New York City
LEIGHTON, LEON EMILE	North Pelham, N. Y.
LEUNG, PETER	Hongkong, China
LEVI, GIRARD SPENCER	New York City
LEVITT, MORSE DAVID	New York City
LEVY, EMIL	New York City
LICHENSTEIN, ALBERT SAMUEL	New York City
LINCHITZ, JACOB	New York City
LINT, THEODORE	New York City
LIPPMANN, ROBERT KORN	New York City
LIU, TIEN TOH	Changsha, China
LOBEL, ALEX	New York City
LORENZ, ADOLPH	New York City
LOTT, JOHN MACKAY	New York City
LOURIA, MILTON ROLAND	New York City
LOUTSKI, ROBERT	New York City
LOWENBERG, WALTER ALBERT	New York City
MCCABE, ANGUS SHAW	New York City
MCCABE, JOSEPH DOUGLAS	New York City
MCCREERY, SYDNEY FRANCIS	New York City
MCEVOY, ARTHUR FRANCIS	Hudson, N. Y.
MCGOWAN, FRANCIS JOSEPH	New York City
MCLHINEY, DONALD WALKER	Great Neck, N. Y.
MACKAIN, WARREN HOAGLAND	Orange, N. J.
MANDELBAUM, MALVIN ROBERT	New York City
MANSBACH, EDWIN ARTHUR	New York City
MARCUS, ISRAEL HYMAN	New York City
MARKEL, CLAUDE	New York City
MARRARO, ROSARIO	New York City
MARSON, BENJAMIN	New York City
MATHEWS, MAXWELL JULIUS	New York City
MAY, A. WILFRED	New York City
MAZZOLA, FRANK RAYMOND	New York City
MEGRIAN, ZAREH	New York City
MEISTER, EDWARD HENRY	New York City
MENKEN, JULES A.	New York City
MERTENS, ROBERT ERNEST	New York City
MEYERHOFF, HOWARD AUGUSTUS	New York City
MEYERS, MOSES LOUIS	New York City
MILLER, DAVID	New York City
MILLER, JOSEPH	New York City
MILLER, WALLACE JOHNSTON	New York City
MOELLER, HERBERT PHILIP	New York City
MOLDENKE, RICHARD, JR.	Watchung, N. J.
MOONEY, JOSEPH J.	New York City
MOORE, WILBUR JOHN	Watertown, Conn.
MORAN, LAWRENCE JAMES	Beacon, N. Y.
MORRIS, LEON	New York City
MORTON, CHARLES INGALES	Naples, Italy
MOSES, LIONEL	New York City
MOSS, RICHARD MAURICE	New York City

MULCAHY, FRANK HALPIN.....	New York City
NASHLEY, ALVIN.....	New York City
NATHAN, LEOPOLD.....	New York City
NEALE, WALTER.....	New York City
NEILSON, JOHN, JR.....	New York City
NEITZ, JOHN DONALD.....	New York City
NEUHAUS, HERMAN.....	New York City
NEWMAN HARRY SHAW.....	New York City
NISHMAN DANIEL.....	New York City
NORTON, JAMES C.....	New York City
OBRIG, THEODORE ERNST.....	Summit, N. J.
OFFNER, MONROE MARCUS.....	New York City
OPPENHEIM, GORDON D.....	New York City
ORLOFF, LOUIS.....	New York City
PAGET, REGINALD WALTER.....	Philadelphia, Pa.
PAPAZIAN, GEORGE WASHINGTON COSS (candidate for honors).....	New York City
PARKER, ALBERT.....	New York City
PEEK, ROBERT LEE, JR.....	St. Catharines, Ontario
PELLER, PHILIP.....	New York City
PENNEWILL, JOHN MILLAN.....	Silver City, N. M.
PERKINS, OSBORN POOR.....	New York City
PITTBONE, JOHN SAMUEL.....	Hastings-on-Hudson, N. Y.
PEYSER, BERNARD.....	New York City
PIESTER, CHARLES JOHN.....	Ancram, N. Y.
PINSKI, HENRY.....	New York City
PLANK, EARL FLINT.....	Potsdam, N. Y.
PLEIN, LEOPOLD NICHOLAS.....	New York City
POOLER, LOUIS GORDON.....	Tuxedo Park, N. Y.
PORFILIO, FREDERIC MICHAEL.....	New York City
POVLSEN, PAUL KRISTIAN.....	New York City
PROBST, NATHAN, JR.....	New York City
PROCTOR, GEORGE.....	New York City
PROFFITT, HENRY WALTON.....	Garnerville, N. Y.
PRYBIL, PAUL.....	New York City
PUGH, JOHN HAMMETT.....	New York City
RACE, EDWARD SILAS.....	Herkimer, N. Y.
RADCLIFF, PETER EDWARD, JR.....	Yonkers, N. Y.
RAEGENER, LOUIS CHRISTIAN, JR.....	New York City
RAIMONDO, ANTHONY FRANCIS.....	New York City
RANDALL, JOHN HERMAN, JR.....	New York City
RAU, HENRY LOUIS GUSTAVE.....	New York City
RHINELANDER, PHILIP.....	New York City
RICHARDSON, ALFRED FRANCIS.....	New York City
RICHARDSON, ALFRED WELLS.....	New York City
ROACH, CHARLES EDWARD.....	Wappingers Falls, N. Y.
ROBINSON, WALTER SCOTT.....	Colorado Springs, Colo.
RODGERS, MORTIMER W.....	New York City
ROGERS, FRANCIS WALKER.....	Monson, Mass.
ROGERS, GEORGE MURRAY.....	New York City
ROGERS, HERBERT MELVIN.....	New York City
ROGERS, JOHN FREDERICK.....	Poughkeepsie, N. Y.
ROGERS, PHILIP AVERY.....	Port Dickinson, N. Y.
ROGERS, RICHARD MERINGTON.....	Newark, N. J.
ROHDENBERG, EDWARD LAUX.....	New York City
ROSE, NATHANIEL.....	New York City
ROSEN, MORRIS SAMUEL.....	Utica, N. Y.
ROSENFELD, SAMUEL.....	New York City
ROSENZWEIG, MAXWELL.....	New York City

ROTHSCHILD, JOSEPH MEYER.....	New York City
ROUDIN, LEON VICTOR.....	New York City
RUPPE, JOHN PAUL.....	New York City
RUSSELL, EVERETT DE WITT.....	New York City
RUTTMANN, FERDINAND.....	New York City
SALAND, GAMLIEL.....	New York City
SALWEN, LOUIS.....	New York City
SALZEDO, PEDRO PABLO.....	Santa Marta, Colombia
SANBORN, FREDERIC ROCKWELL.....	New York City
SARLIN, CHARLES NATHAN.....	New York City
SAXON, WILBUR GARTMAN.....	New York City
SCAFATI, JOHN.....	New York City
SCHACHTEL, VICTOR ROBERT.....	New York City
SCHIFF, LEO.....	New York City
SCHLESINGER, DONALD.....	New York City
SCHLESSEL, LOUIS.....	New York City
SCHMALING, JEFFRIES.....	Port Chester, N. Y.
SCHOENACKER, LOUIS FREDERICK.....	Niagara Falls, N. Y.
SCHRIEVER, JOHN HENRY.....	New York City
SCHUSSEIM, MORRIS.....	New York City
SCHWANER, ROBERT MARTIN.....	West Haven, Conn.
SEGLIN, HERMAN S.....	New York City
SEIDLIN, SAMUEL MARTIN.....	New York City
SERAFINO, FRANK.....	New York City
SERRA, FRANK.....	New York City
SHAFFER, THOMAS GUY.....	Sedio Woolley, Wash.
SHAPIRO, CHARLES S.....	New York City
SHAPIRO, LEONARD.....	New York City
SHAW, JEROLD.....	New York City
SHEARS, RANDOLPH MOORE.....	New York City
SHERMAN, LOUIS.....	New York City
SHERWIN, SIDNEY ALEXANDER.....	New York City
SHILLIDAY, REXFORD.....	Tuckahoe, N. Y.
SHIRK, DANIEL AUSTIN.....	New York City
SHOOR, WILLIAM KARL.....	Hartford, Conn.
SILVERMAN, GABRIEL.....	New York City
SIMON, EDGAR KING.....	New York City
SINCLAIR, JOHN STEPHENS.....	New York City
SINCLAIR, WILLIAM STEPHENS.....	New York City
SLUTSKY, AARON.....	New York City
SPENSE, PAYTON WESTBROOK.....	New York City
SPEWACK, SAMUEL.....	New York City
SPITZER, EUGENE REYNOLDS.....	Islip, N. Y.
SPOSTA, DOMINICK CORNELIUS.....	New York City
STAMMELMAN, MORTIMER JACOB.....	Montclair, N. J.
STANDARD, PAUL.....	Ellenville, N. Y.
STEINSCHNEIDER, RICHARD.....	Hastings-on-Hudson, N. Y.
STERN, ROBERT L. S.....	New York City
STETSON, RAYMOND REED.....	Plattsburgh, N. Y.
STEVENS, GEORGE RALSEY.....	New Canaan, Conn.
STEVENSON, JOHN LOCKHART.....	Wallace, Nova Scotia
STICKEL, JESSE.....	New York City
SUKLOFF, HYMAN.....	New York City
SULLIVAN, FRANCIS LESLIE.....	Middleburgh, N. Y.
SVENSSON, EJNAR SVEN HOLGER.....	Buffalo, N. Y.
SWAYZE, CHARLES DENTON.....	Middletown, N. Y.
TAIT, ARTHUR LESENE.....	Northvale, N. J.
TASTROM, EDWARD PHILIP.....	New York City

TEPLITSKY, DAVID	New York City
THOMPSON, GEORGE ALANSON TRACY	New York City
TOBIAS, CHARLES HOWARD	New York City
TOLMACH, JESSE ALFRED	New York City
TRAGER, CORNELIUS HORACE	New York City
TURK, RICHARD JASON, JR.	Buffalo, N. Y.
TYNAN, MARTIN FRANCIS	New York City
UHLIG, FRANKLIN R.	New York City
ULLMAN, LEON KAUFFMAN	New York City
VAN HOUTEN, LANSING SMITH	Monsey, N. Y.
VAN NORT, JOSEPH SANDS, JR.	Scranton, Pa.
VEDDER, JAMES OUTWATER	New York City
VELTE, EDWIN HENRY	New York City
VIRDEN, EMERSON HART	New York City
VOGEL, ROBERT	New York City
VOLMER, AUGUST KARL FERDINAND	New York City
VON MAYHOFF, MONROE	New York City
WACHT, JESSE	New York City
WALLACE, SCHUYLER CRAWFORD	New York City
WALLEY, RALPH	Jamaica, N. Y.
WARD, CLIFFORD EDGAR	New York City
WARD, RAYMOND SAWYER	Montclair, N. J.
WEBSTER, WALTER GRAY	New York City
WECHSLER, HARRY	New York City
WEGENER, JOHN ULRICK	New York City
WEINSTEIN, MORTIMER	New York City
WEINTRAUB, PHILIP	New York City
WEINZWEIG, MAX	New York City
WERNER, WILLIAM	New York City
WERSEBE, ALBERT JOHN	Cornwall-on-Hudson, N. Y.
WHITE, WILLIAM ARTHUR	Danbury, Conn.
WIESENBERGER, ARTHUR	New York City
WILES, MERTON EDWARD	Canajoharie, N. Y.
WILLARD, PAUL	Larchmont, N. Y.
WILLIAMS, GORDON HUNTER	New York City
WILLYOUNG, JOHN CARHART	Ridgewood, N. J.
WILSON, ROBERT EPEPHANIUS	New York City
WINSLOW, JOHN CHACE	Middletown, N. Y.
WOLFF, BERTRAM	New York City
WOLTMANN, JACK HENRY	New York City
WORK, LINCOLN THOMAS	Yonkers, N. Y.
YANKAUER, WALTER DAVID	New York City
YOUNG, JAMES DONALD	New York City
ZEITNER, JESSE	New York City
ZINCKGRAF, RAYMOND GEORGE	New York City

## NON-MATRICULATED STUDENTS

AFFLECK, WILLIAM RUSSELL	Yonkers, N. Y.
AMAZON, PETER	New York City
BARD, JAMES MACKAY	Pleasantville, N. Y.
BARLOW, HOWARD DUNHAM	Seattle, Wash.
BARRIOS, RAUL RALPH	Nicaragua, C. A.
BENGEL, WESLEY HARRISON	Newport, Ark.
BENNETT, LESLIE KING	New York City
BILLARD, SAMUEL	Newport, R. I.
BRAKIN, NUHIM	Rubauofka, Russia
BRASLOWSKY, ISRAEL	New York City

BREEN, ROSCOE TALBOT	New York City
BROWN, HOWARD WALLACE	Mt. Vernon, N. Y.
BRYAN, JOSEPH ALPHIN	New York City
BUCHANAN, BEAUFORT ELIOT	New York City
BUGBEE, WILLIAM CALVIN	Montclair, N. J.
CHASSY, LEON	New York City
CHI, HEUEN	Foochow, China
CLINCHY, RUSSELL JAMES	East Orange, N. J.
COLLINS, JOHN AUGUSTINE	Lawrence, Mass.
CORRELL, IRVIN CLEMENT	Tokyo, Japan
CRITZAS, EVANGELOS J.	New York City
D'AIUTOLO, ALBERICO	Montevideo, Uruguay
DAVIS, PRESTON	Springfield, Mass.
DE LA GUARDIA, JAIME	Panama
DIXON, GEORGE GRAVES	New York City
DONALDSON, NORMAN VAUX	Philadelphia, Pa.
EAVES, DAVID AUSTIN	Lewiston, Idaho
ERNEMAN, JOHN ATKINSON	New York City
FERRIS, LE ROY	White Plains, N. Y.
FINLAY, SIDNEY JOSEPH	Mt. Vernon, N. Y.
GINZBURGH, LEON	New York City
GLOVER, GEORGE HORTON, JR.	Short Hills, N. J.
GONZALES, ROBERTO	Nicaragua, C. A.
GREENE, ARTHUR L.	New York City
GRIEVE, JAMES	Perth Amboy, N. J.
GRINNELL, ROBERT STONE	New York City
HAMILTON, EDWARD PIERPONT	Two Rivers, Wis.
HARA, ZENICHIRO	Yokohama, Japan
HARRIS, CHARLES W.	New York City
HENDEL, JAMES MONROE	Reading, Pa.
HILL, DUDLEIGH	New York City
HOCHSTADTER, WALTER SELIGMAN	New York City
HURWICH, BARNETT	New York City
JOELSON, JAMES JOEL	Paterson, N. J.
JOHNSTONE, MALCOLM MACLAREN	Arlington, Wash.
KATZ, RICHARD, JR.	New York City
KNIASEWKER, NATHAN	New York City
LEMMON, EDGAR GUY	Roodhouse, Ill.
LOPES, DARLINDO	Belem, Brazil
LOVICH, SAMUEL	Sacramento, Cal.
McMAHON, HARRY ALOYSIUS	New York City
MACBRAIR, UZAL LAWRENCE	Middletown, N. Y.
MACCOY, FREDERICK	New York City
MENGEL, ARTHUR ROBERT	Reading, Pa.
MILLER, WESLEY BARRINGTON	Freeport, N. Y.
MOORE, ROBERT JEROME	Hoboken, N. J.
NELSON, CARLYLE LA MAR	Salt Lake City, Utah
NORTON, FREDERIC WILLIAM	Evanston, Ill.
OSBOURNE, ALAN	New York City
PEREIRA, JOAO DE MACEDO	New York City
PETERS, FRANK HART	New York City
PHIPPS, HOWARD FRANCIS	Waterbury, Conn.
POTTER, HAROLD HOLMES	Danbury, Conn.
PURCHAS, ALBERT EDWARD	New York City
QUIJANO, JOSÉ IGNACIO	New Rochelle, N. Y.
REDMAN, BENJAMIN RAY	New York City
ROCHESTER, WILLIAM AUSTIN	New York City
SELDEN, WILLIAM HILLIARD, JR.	Iron River, Mich.

SHULER, JOHN WILLIAM.....	Batesburg, S. C.
SMITH, ERNEST ALFRED.....	Tivoli, N. Y.
STEVENSON, FREDERIC FITCH.....	Plainfield, N. J.
STIMSON, LOUIS ALBERT.....	Westfield, N. J.
TRASK, CHARLES HARPER.....	Islip, N. Y.
VAN NOSTRAND, CHARLES RICHARDS.....	Elizabeth, N. J.
VON MUNSTER, CHARLES HERMANN.....	New York City
WEISE, KURT PAUL.....	New York City
WHITEHOUSE, MEREDYTH.....	Manchester, Mass.
WRIGHT, WILLIAM ARTHUR.....	Ogden, Utah
ZIMBEL, JOSEPH.....	New York City

## SUMMARY

## CANDIDATES FOR DEGREE:

Seniors.....	223
Juniors.....	215
Sophomores.....	294
Freshmen.....	442
First-year Journalists.....	43
Non-matriculates.....	79
Total.....	1296
Candidates for a Degree with Honors.....	37

# REGISTER OF STUDENTS

## SCHOOL OF LAW

### Third Year — Class of 1916

ADAMS, PURSER ELDER, A.B. Princeton 1913	Garden City, L. I.
ALMAND, BOND, Ph.B. Emery 1913	Lithonia, Ga.
BARDSLEY, WILLIAM WRIGHT, A.B. Princeton 1911	New York City
BARNETT, CARLYLE REGINALD, B.S. 1913, AM. 1915	New York City
BARRETT, BEACH, A.B. 1913	New York City
BECK, PERRY ALLEN, A.B. Allegheny 1913	New York City
BERLINER, IRWIN MAIER, A.B. 1914	New York City
BLACKMAR, ABEL EDWARD, JR., A.B. Hamilton 1913	New York City
BLACKWELL, JAMES MADISON, A.B. 1914	New York City
BLYTHE, WILLIAM H., A.B. Miami 1911	Springfield, Mo.
BOGLE, RONALD F., A.B. Williams 1913	Wappingers Falls, N. Y.
BOOTH, FRANK, B.S. 1914	New York City
BOYCE, PAUL L., A.B. Clark 1913	New York City
BURCHELL, ARTHUR VINCENT, A.B. C. C. N. Y. 1913	New York City
BURGESS, THAYER	West Winfield, N. Y.
BUTLER, CHARLES ALLEN, B.S. 1914	New York City
BUTTERWORTH, G. FORREST, JR., A.B. 1913	New York City
CADMAN, FREDERICK LESLIE, A.B. Amherst 1913	New York City
CALDWELL, GEORGE DANFORTH, A.B. 1913	Louisville, Ky.
CAPSHAW, CORAN P., A.B. Tennessee 1913	Cookeville, Tenn.
CAPSHAW, HULON J., A.B. Tennessee 1913	Cookeville, Tenn.
CARNALL, WALTER THOMAS	New York City
CATZEN, BERTRAM HARRY, A.B. 1914	Baltimore, Md.
CHESTER, WILLIAM MERRILL, Litt.B. Princeton 1913	New York City
CLASS, THEODORE SHERMAN, Litt.B. Princeton 1913	Westfield, N. J.
COE, RICHARD STORRS, A.B. Yale 1913	New York City
CONGER, FREDERIC, A.B. Williams 1912	New York City
COPLEY, AMORY, JR., A.B. Harvard 1912	Walpole, N. H.
DAVENPORT, RUSSELL LOUNSBERRY, B.S. Amherst 1912	Ogden, Utah
DAVISSON, RICHARD LEECH, A.B. Yale 1913	Dayton, O.
DEMUTH, FRANK W., B.S. 1914	New York City
DILLS, DUANE R., A.B. 1914	New York City
DIMON, HENRY HUDSON, A.B. Cornell 1914	New York City
DOUGLAS, RICHARD STEELE, Ph.B. Wooster 1910	Wooster, O.
ECKELS, CLAUDE ALAN, B.S. Allegheny 1913	Kane, Pa.
EHRMAN, SAMUEL LASKER, LL.B. Arkansas 1913	Little Rock, Ark.
EMBURY, DAVID AUGUSTUS, A.B. Cornell 1908	Morrisville, N. Y.
EVANS, JOHN F., A.B. Harvard 1914	Paterson, N. J.
FALK, EDWIN ALBERT, A.M. 1915, B.S. Pennsylvania 1913	New York City
FISHER, HENRY L., B.S. C. C. N. Y. 1914	New York City
FORBES, JEROME RICHARD, A.B. Nebraska 1913	Wayne, Neb.
FREEMAN, ROBERT HILL, A.B. Georgia 1913	Newman, Ga.
GATES, MERRILL NEWCOMB, A.B. Williams 1911	Auburn, N. Y.
GERSON, BERNARD FELIX, A.B. 1914	Montgomery, Ala.
GETTS, CLARK H., A.B. Wisconsin 1914	Horse's Head, Wis.
GOLDBERG, JEFFREY SOLON, Ph.B. Brown 1913	New York City

GRAFTON, HORACE KIRBY, A.B. 1914.....	New York City
GRIFFIN, EGBERT BRADNEY, A.B. 1913.....	New York City
GRIFFIN, JOHN GERALD, A.B. St. Mary's 1913.....	Creston, Ia.
HAAREN, ARTHUR HERMAN, A.B. 1913.....	New York City
HALL, HERBERT WILLIAM, A.B. Pittsburgh 1913.....	New Kensington, Pa.
HARTZ, WILLIAM AUGUSTUS, A.B. Charleston 1913, LL.B. South Carolina 1914.....	Charleston, S. C.
HATCH, VERMONT, A.B. Harvard 1913.....	Heber City, Utah
HEALY, THOMAS JEFFERSON, B.S. Colgate 1913.....	Bennington, Vt.
HEARN, CORNELIUS, JR., A.B. 1914.....	New York City
HERKERT, KARL JOHN, B.S. 1914.....	New York City
HILDREDTH, MELVIN DAVIS, A.B. Fargo 1913.....	Fargo, N. D.
HILL, JOSEPH LISTER, A.B. Alabama 1914, LL.B. 1915.....	Montgomery, Ala.
HOCHSTEIN, LOUIS I., B.S. 1914.....	New York City
HOFFMANN, ALBERT S., B.S. 1913.....	New York City
HOTCHKISS, HENRY GREENE, A.B. Williams 1913.....	New York City
HUBBARD, MOSES GILBERT, JR., A.B. Middlebury 1913.....	New York City
HUNTER, ALEXANDER HAYS, A.B. Princeton 1913.....	Pittsburgh, Pa.
JONES, DEWITT CLINTON, JR., A.B. Princeton 1913.....	Elizabeth, N. J.
KAUFMAN, SAMUEL, A.B. 1914.....	Newark, N. J.
KENTON, GEORGE ROSS, Litt. B. Princeton 1913.....	New York City
KINNAN, MORRIS EGENTON, A.B. Princeton 1913.....	New York City
KINSWORTHY, BURTON SUTTON, A.B. Arkansas 1913.....	Little Rock, Ark.
KISTER, FRANK ADAM, A.B. Gettysburg 1913.....	New York City
KOPALD, HERMAN GATES, Ph.B. Chicago 1914.....	Omaha, Neb.
LA CORTE, SALVATORE FRANCIS, A.B. 1914.....	Elizabeth, N. J.
LARREMORE, THOMAS ARMITAGE, A.B. Yale 1911.....	New York City
LASHER, JOHN KENNEDY, JR., B.S. 1914.....	Yonkers, N. Y.
LENT, HERBERT D., JR., A.B. Cornell 1914.....	Tuckahoe, N. Y.
LEVINSON, DAVID D., B.S. C. C. N. Y. 1912.....	Harrisburg, Pa.
MCDOWELL, ROBERT PITKIN, A.B. Syracuse 1913.....	Elmira, N. Y.
MCLEAN, OWEN CALDWELL, A.B. Allegheny 1913.....	Sharon, Pa.
MCMANUS, BERNARD ALOYSIUS, A.B. Harvard 1910.....	Fitchburg, Mass.
MCQUILLER, PAUL WILLIAM, A.B. Georgetown 1913.....	Passaic, N. J.
MARTING, HENRY A., A.B. Yale 1914.....	Portsmouth, O.
MAURICE, STEWART, A.B. 1913.....	Mamaroneck, N. Y.
MAUTNER, BERTRAM H., Litt. B. Princeton 1913.....	New York City
MOFFAT, STANLEY MATTHEWS, A.B. Princeton 1913.....	Yonkers, N. Y.
MORIARTY, JOHN HENRY, A.B. Manhattan 1913.....	Jersey City, N. J.
MURPHY, SAMUEL WILSON, A.B. Wesleyan 1913.....	New York City
MURRIN, WILLIAM R., A.B. Cornell 1914.....	New York City
NEWMAN, DOUGLASS, A.B. 1914.....	New York City
OBSTFELD, EMANUEL ARTHUR, A.B. C. C. N. Y. 1914.....	New York City
O'CONNOR, GEORGE EDWARD, A.B. Yale 1914.....	Waterford, N. Y.
PURDY, JAMES HOWARD, JR., A.B. 1914.....	New York City
QUIGG, MURRY TOWNSEND, A.B. Harvard 1913.....	New York City
RAPHAEL, JESSE SCHARFF, A.B. C. C. N. Y. 1913.....	New York City
RAPPAPORT, JACK L., B.S. 1914.....	New York City
REISS, GEORGE ANDREW, Ph.B. Lafayette 1913.....	Elizabeth, N. J.
REPKO, STEPHEN ALBERT, A.B. Cornell 1914.....	New York City
RIEGELMAN, HAROLD, A.B. Cornell 1914.....	New York City
ROBERTS, CARROLL MCLEAN, A.B. Oberlin 1913.....	Geneseo, N. Y.
ROBINSON, MILTON K., A.B. Rochester 1912.....	Rochester, N. Y.
ROSEFF, ALEXANDER.....	Mt. Vernon, N. Y.
ROY, MALCOLM MILLER, A.B. 1909.....	Yonkers, N. Y.
RUBIN, SAMUEL, A.B. 1914.....	New York City
SANFORD, FERDINAND DOAN, A.B. Princeton 1909.....	Warwick, N. Y.
SANFORD, HOWARD ROLLIN, LL.B. 1915, A.B. Harvard 1913.....	Potsdam, N. Y.



SCHWARTZ, SELIG HAROLD, A.B. Harvard 1914.....	Newark, N. J.
SCHWARZ, PHILIP.....	New York City
SHORT, LIVINGSTON LYMAN, A.B. Williams 1913.....	New York City
SHUTT, ERWIN REED, A.B. Rochester 1913.....	Rochester, N. Y.
SMITH, ALLAN HAMILTON, B.S. 1912.....	New York City
SMITH, BENJAMIN GREGORY, A.B. Pennsylvania 1911.....	Pottsville, Pa.
SMITH, ETHELBERG TALBOT, A.B. Trinity 1913.....	New York City
SOBEL, JEFFREY MORTIMER, A.B. Pennsylvania 1913.....	New York City
SOONS, SYDNEY GROVER CLEVELAND, A.B. C. C. N. Y. 1913	New Hampton, N. Y.
STEARNS, CARL GARNER, A.B. Illinois 1914.....	Rankin, Ill.
STEUER, BERNARD, A.B. C. C. N. Y. 1913.....	New York City
STEWART, JOHN CLARK, A.B. Washington & Jefferson 1913.....	Wilkesburg, Pa.
STITT, EDWARD WALMSLEY, JR., A.B. C. C. N. Y. 1913.....	New York City
STUDWELL, SPENCER ALLEN, A.B. Wesleyan 1913.....	Greenwich, Conn.
SWINNERTON, RADCLIFFE, A.B. Yale 1914.....	Newark, N. J.
THOMAS, RUPERT BROAS, A.B. Princeton 1913.....	New York City
TRUMBULL, GEORGE LEE, A.B. Williams 1912.....	Greenwich, Conn.
VREELAND, HAMILTON, JR., A.M. 1915, Litt.B. Princeton 1913.....	Jersey City, N. J.
WALLACE, FRED LEROY, A.B. DePauw 1909.....	Bunker Hill, Ind.
WALSER, KENNETH E., A.B. Union 1912.....	Cohoes N. Y.
WILSON, DUDLEY ANDRE, A.B. DePauw 1913.....	Birmingham, Ala.

## Second Year — Class of 1917

ABELE, RICHARD P., A.B. Amherst 1911.....	New York City
APPLEMAN, EARL, A.B. DePauw 1911.....	La Grange, Ind.
AUSTRIAN, CARL JOSEPH, A.B. Williams 1914.....	New York City
BALDWIN, MORGAN SMILEY, A.B. Cornell 1915.....	North Tonawanda, N. Y.
BARTHOLOW, BENJAMIN HILSDON, A.B. 1915.....	Mt. Vernon, N. Y.
BELLINGER, WILLIAM H., A.B. 1915.....	New York City
BENNETT, ALFRED CLARENCE, A.B. C. C. N. Y. 1914.....	New York City
BERNERO, FRANK AMBROSE, A.B. Amherst 1914.....	New York City
BIJUR, SHERMAN M., A.B. 1915.....	New York City
BILLINGS, GEORGE MARSHALL, Litt.B. Princeton 1914.....	New York City
BOHM, EDWIN MILTON, A.B. 1915.....	New York City
BOWEN, CHARLES WOOD.....	Logan, O.
BRADNER, PALMER, A.B. C. C. N. Y. 1913.....	New York City
BRYCE, PETER COOPER, A.B. Yale 1913.....	New York City
BUNNELL, RALPH DECATUR, A.B. Colgate 1908.....	Scranton, Pa.
BUNZL, JULIUS VICTOR, A.B. 1912.....	New York City
BURGHARD, EDWARD GEORGE, A.B. 1915.....	New York City
BURLEIGH, JOHN PAUL, B.S. Pennsylvania 1913.....	Merchantville, N. J.
CALLAHAN, FRANCIS P., A.B. St. John's Bklyn. 1915.....	New York City
CANNON, TOWNSEND LAING, A.B. 1915.....	New York City
CARPENTER, HIRAM BEACH, A.B. Michigan 1914.....	Rockford, Ill.
CARPENTER, JOHN TILNEY, A.B. Amherst 1914.....	New York City
CASTRUCCIO, CONSTANTINE M., A.B. Santa Clara 1913.....	Los Angeles, Cal.
CLAIBORNE, ROBERT WATSON, A.B. Virginia 1909.....	Petersburg, Va.
CLARK, ALBERT T., A.B. Michigan 1915.....	Clinton, Mich.
COHEN, SAMUEL COLEMAN, A.B. 1914.....	New York City
CONNYBEARE, GEORGE RAYMOND, A.B. Oberlin 1913.....	Fall River, Mass.
COOK, RAYMOND EUGENE, A.B. Williams 1905, A.M. Yale 1907.....	Troy, N. Y.
COUTS, JOHN FRANKLIN, A.B. So. Prespy. 1908.....	New York City
COWAN, JOHN HARDWIG, A.B. 1914.....	New York City
CUNNINGHAM, FREDERIC, JR., A.B. Harvard 1911.....	Boston, Mass.
DANN, OSCAR LOUIS, A.B. C. C. N. Y. 1913.....	New York City
DANNENBURG, WALDEMAR N., A.B. Oklahoma 1914.....	Chelsea, Okla.

DARRAH, GILLESPIE BLAINE, A.M. 1914, A.B. Marietta 1912 . . . .	Macksburg, O.
DAVIDSON, ROBERT JACKSON, JR., A.B. Yale 1914 . . . . .	Hillburn, N. Y.
DEEGAN, JOSEPH FRANCIS . . . . .	Perth Amboy, N. J.
DEVLIN, EDWARD I., JR., A.B. Georgetown 1914 . . . . .	Yonkers, N. Y.
DOWD, ARTHUR KING . . . . .	Syracuse, N. Y.
DUER, BEVERLY, A.B. Harvard 1914 . . . . .	New York City
DUNCAN, JAMES DONALD, A.B. 1915 . . . . .	New York City
DWIGHT, JAMES OGDEN . . . . .	Burlington, Ia.
EBERSTADT, FERDINAND, A.B. Princeton 1913 . . . . .	East Orange, N. J.
EDINGER, ERNEST HAROLD, A.B. 1915 . . . . .	Jersey City, N. J.
ELTING, SETH VICTORIOUS, A.B. Cornell 1914 . . . . .	Poughkeepsie, N. Y.
ELY, ALBERT HERMAN, JR., A.B. Yale 1915 . . . . .	New York City
EMMET, WATSON CASE, A.B. Harvard 1914 . . . . .	New York City
ENNIS, THOMAS LELAND, B.S. Union 1914 . . . . .	Rotterdam Jct., N. Y.
FESSENDEN, REGINALD KENNELLY . . . . .	New York City
FILER, HARRY LAMBERT, A.B. DePauw 1914 . . . . .	Liberty, Ind.
FISHER, FRANK CYRIL, A.B. Oberlin 1914 . . . . .	Minneapolis, Minn.
FLYNN, STREETER B., A.B. Yale 1915 . . . . .	Oklahoma City, Okla.
FOLEY, ADRIAN LEE, A.B. Iowa 1913 . . . . .	Sanborn, Ia.
FORBES, GILBERT, A.B. Princeton 1913 . . . . .	New York City
FORSYTH, WALTER SCOTT, A.B. Rochester 1914 . . . . .	Rochester, N. Y.
FRANCIS, LEE REYNOLDS, A.B. 1915 . . . . .	New York City
FUNKENSTEIN, CASPER IRA, A.B. Georgia 1914 . . . . .	Athens, Ga.
GARDINER, JOHN FRANCIS, A.B. Princeton 1912 . . . . .	Philadelphia, Pa.
GILLELEN, WARREN, JR. . . . .	Los Angeles, Cal.
GOODBAR, EUGENE MORRISON, A.B. Wabash 1914 . . . . .	Crawfordsville, Ind.
GOODSTEIN, PHILIP, B.S. 1915 . . . . .	New York City
GOODWIN, WALTER CAMPBELL . . . . .	New York City
GOTTGETREU, HENRY, JR., A.B. Yale 1915 . . . . .	New York City
GOWER, JULIEN, A.B. Marquette 1910, A.M. 1914 . . . . .	Milwaukee, Wis.
GRADY, JAMES THOMAS . . . . .	Winsted, Conn.
GUTHMANN, JEROME DOCTOR, A.B. Union 1914 . . . . .	Schenectady, N. Y.
HAHN, PAUL M., A.B. C. C. N. Y. 1914 . . . . .	New York City
HARRIS, THOMAS ADDIS EMMET, A.B. Harvard 1911 . . . . .	New York City
HARTSOCK, HARVEY BARTON, A.B. DePauw 1911 . . . . .	Gosport, Ind.
HAYUM, ARTHUR HENRY, A.B. Harvard 1913 . . . . .	Horton, Kan.
HENDRICKS, HENRY SOLOMON, A.B. 1914 . . . . .	New York City
HENDRICKSON, ROBERT EDWARD, A.B. Cornell 1915 . . . . .	Jamaica, L. I.
HOCKERT, JENKIN R., B.S. Valparaiso 1913 . . . . .	Hartford, Conn.
HOLTHUSEN, HENRY FRANK, A.B. 1915 . . . . .	New York City
HOPE, CLAUDE ALLISON, A.B. Alabama 1914 . . . . .	New York City
HUTHSTEINER, LOUIS, B.S. Amherst 1914 . . . . .	Bushton, Kan.
INGRAHAM, FRED., JR., Litt.B. Princeton 1914 . . . . .	Hempsted, L. I.
JENES, ALMET FRANCIS, JR., A.B. Yale 1914 . . . . .	New York City
JEWETT, THEODORE STEPHEN, A.B. Dartmouth 1913 . . . . .	Laconia, N. H.
KAGAN, LEO BERNARD, A.B. Harvard 1913 . . . . .	New York City
KEYES, EARL EVERETT, A.B. Indiana 1912 . . . . .	Peru, Ind.
KLEBAN, MORRIS HENNING, A.B. 1915 . . . . .	New York City
KLINGENSTEIN, PAUL HENRY, A.B. 1915 . . . . .	New York City
KOONS, DANA RODMAN, A.B. Pennsylvania State 1915 . . . . .	Walnutport, Pa.
KRAUS, DAVID, A.B. C. C. N. Y. 1914 . . . . .	New York City
KUYKENDALE, ROBERT B., A.B. Oregon 1913 . . . . .	Eugene, Ore.
LAIRD, JOHN ALEXANDER, Litt.B. Princeton 1914 . . . . .	New York City
LEFFERTS, GILLET, A.B. Williams 1914 . . . . .	New York City
LEONARD, CHESTER FREDERICK, A.B. 1915 . . . . .	New York City
LETTIS, IRA LLOYD, Ph.B. Brown 1913, A.M. 1914 . . . . .	Moravia, N. Y.
LORD, GEORGE DE FOREST, A.B. Yale 1914 . . . . .	New York City
MCANDREW, HULBERT, A.B. N. Y. U. 1913 . . . . .	Mamaroneck, N. Y.

MCCORMICK, BENJAMIN BERNARD, U. S. N. A. 1892.....	New York City
McKOWN, JAMES, JR., A.B. Williams 1914.....	Rochester, N. Y.
McMILLAN, ROBERT LEROY, A.M. Wake Forest 1910.....	Maxton, N. C.
McNIEL, EDWIN COLYER, A.B. U. S. M. A. 1907.....	Alexandria, Minn.
MACKENZIE, DONALD, A.B. Williams 1914.....	Flushing, N. Y.
MACLACHLAN, HOWARD J.....	Yonkers, N. Y.
MALINO, JEROME E., A.B. C. C. N. Y. 1914.....	New York City
MASON, WILLIAM PITT, JR.....	Troy, N. Y.
MELENEY, CLARENCE COIT, A.B. Dartmouth 1913.....	New York City
MELTZER, JAMES LAWSON, A.B. Yale 1915.....	Bridgeport, Conn.
MERNSTEIN, MAXWELL HENRY.....	Stamford, Conn.
MURPHY, JAMES ADAM, B.S. 1915.....	Buffalo, N. Y.
NEARY, ALCOTT, A.B. Rochester 1914.....	Rochester, N. Y.
NEELY, HOWARD ARTHUR, A.B. Penn. State, 1915.....	New York City
NEKARDA, VICTOR FRANCIS, A.B. 1914.....	New York City
NEVIN, WILLIAM MORRIS, B.S. 1915.....	New York City
NEWMAN, FRED WHITLOCK, A.B. 1915.....	New York City
NEWMAN, JULIEN WHITLOCK, A.B. 1915.....	New York City
NICHOLS, HENRY WILLIAM, 3d, A.B. Penn. State 1914.....	Vandergrift, Pa.
NICHTHAUSER, VICTOR, A.B. N. Y. U. 1914.....	New York City
NOREK, ALFRED WEIL, B.S. 1915.....	New York City
O'REILLY, VINCENT JEROME, A.B. 1915.....	Jersey City, N. J.
OWENS, ROBERT WILLIAM, JR.....	Poultney, Vt.
PERKINS, CHARLES CALLAHAN, A.B. Harvard 1909.....	New York City
PHILLIPS, GEORGE FELTER, Litt.B. Princeton 1914.....	Newark, N. J.
POST, IVAN EDMUND, A.B. Cornell 1915.....	Catskill, N. Y.
RADELOFF, JOHN ARTHUR, A.B. Cornell 1915.....	New York City
REDMOND, ROLAND LIVINGSTON, A.B. Harvard 1915.....	New York City
REMSEN, MARTIN J., A.B. Dartmouth 1914.....	New York City
REMSEN, RICHARD, B.S. Dartmouth 1912.....	New York City
REUBEN, MILTON HAROLD, A.B. 1915.....	New York City
REUTER, LOUIS HERBERT, A.B. Harvard 1904.....	Dorchester Centre, Mass.
RICE, JULIAN, B.S. 1915.....	New York City
RIGGS, ROLAND ROGER, A.M. 1913.....	New York City
ROBINSON, DENTON WRIGHT, A.B. Colgate 1914.....	Unuda, N. Y.
ROSE, JAMES MCKINLEY, A.B. Princeton 1913.....	New York City
ROSENSTOCK, FELIX METZGER, A.B. 1914.....	New York City
ROSENTHAL, WILLIAM JOSEPH, A.B. 1913.....	New York City
ROTKOWITZ, HARRY, A.B. C. C. N. Y. 1914.....	New York City
SAMUELS, LEON, A.B. C. C. N. Y. 1914.....	New York City
SCHAFER, MORRIS P., B.S. Union 1914.....	Schenectady, N. Y.
SCHATZ, LOUIS MAURICE.....	Hartford, Conn.
SCHOENFELD, JOHN WILLIAM, U. S. N. A. 1900.....	New York City
SCOTT, RALPH WENTWORTH, B.S. Dartmouth 1906.....	Boston, Mass.
SHAW, FRANK D., 2ND, A.B. 1914.....	New York City
SHAW, JOHN BRECK, A.B. Harvard 1910.....	Steuben, Me.
SHEPHERD, ALLAN RAMSAY, A.B. Iowa 1914.....	Harlan, Ia.
SHOFNER, HOWARD B., A.B. North Carolina 1912.....	Shelbyville, Tenn.
SHOVE, BENJAMIN EDWARD, A.B. Yale 1914.....	Syracuse, N. Y.
SILVA, JUAN, B.L.S. Montserrat (Cuba) 1914.....	Cuba
SMITH, CHARLES CLOYES, A.B. Yale 1915.....	New York City
SMITH, CLARENCE B., JR., B.S. 1914.....	New York City
SMITH, ELIOT CONGON, A.B. Cornell, 1914.....	Binghamton, N. Y.
SMITH, JOSEPH CLOVIS, Ph.B. Notre Dame 1915.....	Rochester, N. Y.
SMYTHE, CYRUS FIELD.....	Thornton, Tex.
STEINMAN, BERNHARD.....	Wolozin, Russia
STEPHENS, JAMES COLLINS, B.S. Vanderbilt 1915.....	Nashville, Tenn.
STEVENS, STODDARD MORE, JR., A.B. Cornell 1914.....	Rome, N. Y.

STINSON, JOSEPH WHITLA, B.S. 1906, C.E. 1907.....	New York City
STOCKTON, KENNETH EVANS, Litt.B. Princeton 1914.....	Ridgewood, N. J.
STONE, GEORGE HOLLENBACK WELLES, Ph.B. Yale 1914.....	Binghamton, N. Y.
STRAHAN, JOHN WINDRUM, B.S. Amherst 1914.....	Newark, N. J.
TASHOF, J. JULIAN, A.B. 1915.....	New York City
TATE, JAMES ALEXANDER, JR., A.B. Vanderbilt 1915.....	Shelbyville, Tenn.
TAYLOR, BURNHAM K., A.B. Princeton 1914.....	New York City
THOMAS, LUKE GARRETSON, A.B. Williams 1914.....	New York City
THOMAS, SYLVANUS MARTIN, B.S. Harvard 1913.....	Taunton, Mass.
THORBURN, THEODORUS McLEOD, A.B. Rutgers 1914.....	Clifton, N. J.
TUTTLE, MINER WORTHINGTON, A.B. Amherst 1913.....	Middletown, Conn.
VAN DOREN, DURAND HALSEY, A.B. Williams 1914.....	East Orange, N. J.
VAN SICLEN, CLINTON DEWITT, Ph.B. Dickinson 1914.....	Bayside, N. Y.
VOSSELER, EDWARD ADOLPH, A.B. Yale 1915.....	New York City
WALKER, RAY MATTOX, A.B. DePauw 1914.....	New York City
WALTMAN, HARRY RIED, A.B. Bucknell 1911.....	Millville, N. J.
WASHBURN, WATSON, A.B. Harvard 1914.....	New York City
WASHBURN, WILLIAM MAYHEW, A.B. Harvard 1908.....	New York City
WEBSTER, JAMES CUMMING.....	New Haven, Conn.
WEIL, FRANK LEOPOLD, B.S. 1915.....	New York City
WILLIAMS, COLLEY EUGENE.....	New York City
WILMER, RICHARD HOOKER, A.B. Yale 1915.....	Washington, D. C.
WOLF, WALTER JACOB, A.B. Princeton 1914.....	New York City
WOODEN, JOHN CRAWFORD, A.B. Northwestern 1915.....	Centerville, Ia.
YOWELL, JOHN JASPER, A.B. Colorado 1915.....	Denver, Colo.
ZARTMAN, LEONARD STORY, A.B. Yale 1915.....	Waterloo, N. Y.

#### First Year — Class of 1918

ADAMS, OTIS HILL, A.B. Georgia 1914.....	Covington, Ga.
ADIKES, JAMES MARTIN, A.B. St. Francis Xavier 1913.....	New York City
AFFLECK, JAMES GELSTON, JR., A.M. Brown 1914.....	Yonkers, N. Y.
ANDERSON, JAMES GLENN, A.B. Middlebury 1915.....	East Orange, N. J.
ARCHER, DANIEL GORDON.....	Nyack, N. Y.
ARMSTRONG, JOSEPH BARTLETT, A.B. 1915.....	New York City
ARNOLD, WILLIAM CAMPBELL, A.B. Princeton 1915.....	Orange, N. J.
ARNOLD, WILLIAM HAROLD.....	Bridgeport, Conn.
ATWOOD, KIMBALL C., JR. (Senior in Columbia College).....	Oradell, N. J.
BANCROFT, RICHARD, A.B. Amherst 1915.....	Wellesley, Mass.
BERICK, MORRIS (Senior in Columbia College).....	Cleveland, O.
BIERSCHENK, WILLIAM (Senior in Columbia College).....	New York City
BLACK, DOUGLAS McCREA (Senior in Columbia College).....	New York City
BLANCHE, LEO MULFORD, A.B. Cornell 1915.....	Essex Fells, N. J.
BLY, HALTON D., B.S. Rochester 1914.....	Rochester, N. Y.
BONGIORNO, PHILIP, A.B. 1914.....	New York City
BROSNAN, LORENZ JOSEPH, A.B. Manhattan 1915.....	New York City
BROWER, BAILEY, A.B. Princeton 1915.....	New York City
BUCCI, NICHOLAS (Senior in Columbia College).....	New York City
BUCHANAN OSWALD CLAYTON, A.B. Colgate 1914.....	Corning, N. Y.
BUCKLEY, CHARLES PITMAN, A.B. Princeton 1915.....	New York City
BURGHARD, GEORGE EHRET (Senior in Columbia College).....	New York City
CARMAN, WILLIAM WARREN, JR., A.B. Wesleyan 1914.....	Summit, N. J.
CASSIDY, HAROLD HILL, A.B. Colgate 1915.....	Watkins, N. Y.
CASTLES, JOHN WESLEY, A.B. Yale 1915.....	Convent, N. J.
COHEN, MAURICE, A.B. Harvard 1915.....	Washington, D. C.
COLONNA, BENJAMIN ALLISON, B.S. Va. Mil. Inst. 1914.....	New York City
CONLIN, ALAN BRUCE (Senior in Columbia College).....	Westfield, N. J.
COOPER, LESLIE BRADFORD, Litt.B. Princeton 1915.....	Morristown, N. J.

Craven, John D. (Senior in Columbia College).....	Jersey City, N. J.
Cudlipp, Jerome Moore (Senior in Columbia College).....	New York City
Cunningham, William Dickson, A.B. Yale 1915.....	New York City
Darlington, Elliott Christopher Bearns (Senior in Columbia College).....	Newport, R. I.
De Nezzo, Victor Fortunato, B.S. Trinity 1916.....	Hartford, Conn.
Donaghue, Thomas Weldon, A.B. Yale 1914.....	New York City
Donnelly, Arthur Grant, A.B. Yale 1915.....	New York City
Dunham, Franklin G.....	New York City
Elliott, Alonzo, A.B. Yale 1913.....	Manchester, N. H.
Elliott, Thomas Herbert Jr., B.S. Vanderbilt 1915.....	Clarksville, Tenn.
Ernst, George Goodman, A.B. Williams 1915.....	New York City
Esberg, Benjamin, B.S. Pennsylvania 1916.....	New York City
Evans, Daniel Harold, A.B. Trinity 1915.....	Hartford Conn.
Evens, Leonard William (Senior in Columbia College).....	New York City
Farley, Worthington Shumway, Litt.B. Rutgers 1915....	White Plains, N. Y.
Foerster, Walter Frank Louis, B.S. 1915.....	New York City
Gaynor, Norman J., A.B. Colgate 1913.....	New York City
Gildersleeve, Roger Morton, A.B. Williams 1915.....	Poughkeepsie, N. Y.
Gilkinson, James Franklin, Ph.B. Yale 1915.....	Middletown Conn.
Gilmore, Samuel Louis (Senior in Columbia College).....	New York City
Girdner, Frederic William Conrad (Senior in Columbia College).....	New York City
Goertner, Francis Barnes, A.B. Harvard 1915.....	New York City
Grant, David Elias, A.B. C. C. N. Y. 1913.....	Abiquin, New Mex.
Gray, Douglas Robinson, A.B. Harvard 1915.....	New York City
Gray, Thomas Joseph, A.B. Manhattan 1915.....	New York City
Hammerstein, Oscar (Senior in Columbia College).....	New York City
Harcourt, Herman Nichols, Ph.B. Brown 1915.....	Wappingers Falls, N. Y.
Hastings, Frederick Allen (Senior in Columbia College).....	New York City
Hequemebourg, Theodore Marsh, A.B. Yale 1915.....	New York City
Herr, Charles Ryman, B.S. Michigan 1915.....	Flemington, N. J.
Horton, Winter Davis, A.B. Pennsylvania 1915.....	New York City
Hubbard, Robert, A.B. Georgetown 1915.....	Hodgenville, Ky.
Hubbell, George Loring Jr., A.B. Williams 1915.....	Garden City, L. I.
Humphreys, Malcolm, Litt.B. Princeton 1915.....	Morristown, N. J.
Ilsen, Werner Reginald, A.B. 1915.....	New York City
Israel, Joseph Leon, A.B. Alabama 1915.....	Birmingham, Ala.
Jones, Stephen Arnold Douglas.....	Pineville, Ky.
Kahn, Charles L. (Senior in Columbia College).....	New York City
Kalendarian, Vahan H., A.B. Dartmouth 1914.....	New York City
Kashden, Harlan Aaron (Senior in Columbia College).....	New York City
King, Bernard Herbert, A.B. C. C. N. Y. 1915.....	New York City
Klausner, David Maurice (Senior in Columbia College).....	Jersey City
Knox, John Paige, (Senior in Columbia College).....	New York City
Kress, James Chatam, U. S. N. A. 1900.....	Lock Haven, Pa.
Krulewitch, Melvin Levin (Senior in Columbia College).....	New York City
Kupfer, Milton Philip (Senior in Columbia College).....	New York City
Lake, Edward Clay, A.B. Arkansas 1914.....	De Queen, Ark.
Lane, Leonard, Ph.B. Yale 1915.....	New York City
Lee, Frederic Paddock, Ph.B. Hamilton 1915.....	Rutherford, N. J.
Levine, Isadore Baer, A.B. 1915.....	New York City
Levisohn, Edwin.....	New York City
Littlefield, Alden Lewellyn, A.B. Dartmouth 1914.....	Pawtucket, R. I.
Livermore, Russell Blake, A.B. Dartmouth 1915.....	Yonkers, N. Y.
Loeb, Arthur Melville (Senior in Columbia College).....	New York City
Loomis, John Usher, A.B. Dartmouth 1915.....	New York City
McCallum, Kenneth Lee (Senior in Columbia College).....	New York City

McELHINNY, JOHN J., A.B. 1915.....	New York City
MA, KNO-CHI SHAOLIANG, A.M. Harvard 1915.....	Shanghai, China
MACNAIR, KARE REED, A.B. Hamilton 1915.....	Warren, O.
MANDEVILLE, WILLIAM HUBERT, B.E. Union 1915.....	Elmira, N. Y.
MARSCHER, RANSFORD CROUSE, A.B. Syracuse 1915.....	Syracuse, N. Y.
MAYER, DONALD REGIS, B.S. 1914.....	Meadville, Pa.
MESSING, ARTHUR J. (Senior in Columbia College).....	New York City
MEYERSOHN, OSCAR LLOYD, A.B. C. C. N. Y. 1915.....	New York City
MIDDLEBROOK LOUIS SHELTON, A.B. Yale 1915.....	Hartford, Conn.
MILLER, HOWARD VERPLANCK (Senior in Columbia College).....	New York City
MOORE, MAURICE THOMPSON, A.B. Trinity 1915.....	Deport, Texas
MOTTOLA, JOHN HENRY, A.B. St. Francis Xavier 1914.....	New York City
MULVEY, VINCENT JOHN, A.B. Syracuse 1915.....	Geneva, N. Y.
MURPHY, FREDERIC TIMOTHY, A.B. Yale 1908.....	New York City
NEUMAN, MORTIMER, A.B. C. C. N. Y. 1915.....	New York City
NICHOLS, HERMAN ELLIS, A.B. Oberlin 1915.....	New York City
NOYES, EUGENE J.....	New York City
O'BRIEN, RICHARD HAWES, A.B. Boston 1915.....	Cambridge, Mass.
OWEN, CHANDLER, A.M. 1914, A.B. Va. Union 1913.....	Fredericksburg, Va.
PADWE, FRANK (Senior in Columbia College).....	Jersey City, N. J.
PARSONS, THEODORE DWIGHT, A.B. Princeton 1915.....	Shrewsbury, N. J.
PARTRIDGE, THEODORE DWIGHT, A.B. Yale 1912.....	New York City
PAYNE, JOHN ADAMS JR.....	Cincinnati, O.
PEARCE, EDWARD DOUGLAS, JR., A.B. Harvard 1909.....	New York City
PELS, HERBERT, B.S. C. C. N. Y. 1915.....	New York City
PEREA, JUAN AUGUSTO (Senior in Columbia College).....	Mayaguez, P. R.
PERREA, SALVADOR (Senior in Columbia College).....	Mayaguez, P. R.
PFEIFER, WALTER PRICE (Senior in Columbia College).....	New York City
PIKE, MORRIS EMANUEL, A.B. N. Y. U. 1915.....	New York City
PORTER, EDWARD ERSKINE, A.B. Williams 1915.....	New York City
RAIA, ALFRED ERNEST, A.B. Harvard 1914.....	Providence, R. I.
REVIEWK, EMIL.....	Pererisl, Galicia, Austria
REYNOLDS, JOHN BATESON.....	Clarksessville, Tenn.
REYNOLDS, WILSON FISKE, A.B. Princeton 1915.....	New York City
RHYNE, JAKE ORMAND, A.B. Arkansas 1913.....	Ben Lomond, Ark.
ROBERTSON, DONALD JOHN COCHRAN, Litt.B. Princeton 1913.....	New York City
ROSENMAN, SAMUEL IRVING, A.B. 1915.....	New York City
ROWLAND, FLOYD H. (Senior in Columbia College).....	Walden, N. Y.
SABSHIN, SIGMOND.....	New York City
SATZ, DAVID MEYER, B.S. Harvard 1914.....	Newark, N. J.
SCHERPICH, EUGENE ARTHUR (Senior in Columbia College).....	New York City
SCHOENZEIT, EMANUEL (Senior in Columbia College).....	New York City
SCHOOLFIELD, RAY FLOYD, A.B. Emory & Henry 1915.....	Pikeville, Tenn.
SCHULMAN, JACOB JOHN.....	New York City
SEVERANCE, F. TYREL, Ph.B. Vermont 1913.....	Proctor, Vt.
SHATTUCK, BURTIS BRITAIN HUNT, A.B. Boulder 1915.....	Boulder, Colo.
SHELDON, BRUCE SMITH (Senior in Columbia College).....	New York City
SPAFFORD, EDWARD ELWELL, U. S. N. A. 1901.....	New York City
SPERLING, ELLIOTT MARK (Senior in Columbia College).....	New York City
SPINGARN, SAMUEL (Senior in Columbia College).....	West Hoboken, N. J.
SPOONER, MALCOLM G., A.B. 1913.....	Brookfield, N. Y.
STEARNS, ROBERT LAWRENCE, A.B. Colorado 1914.....	New York City
STEINER, LEO (Senior in Columbia College).....	Newark, N. J.
STERN, HARRY RALPH, B.S. C. C. N. Y. 1915.....	New York City
STORER, CHARLES HAMILTON, B.S. Rochester 1915.....	Rochester, N. Y.
STURGES, WESLEY ALBA, Ph.B. Vermont 1915.....	Underhill, Vt.
SUCKLEY, ARTHUR RUTSEN.....	Rhinebeck-on-Hudson, N.Y.
SULLIVAN, THOMAS TALBOT, B.S. Colgate 1914.....	Massena Springs, N.Y.

SULZBERGER, SHERIDAN ULLMANN (Senior in Columbia College).....	New York City
TERRY, MATSON, B.S. Princeton 1915.....	New York City
TOMASS, LOUIS ALBERT, B.S. Vermont 1915.....	Bellows Falls, Vt.
TURNER, JOHN LAMBERT (Senior in Columbia College).....	New York City
VAN CORTLANDT, AUGUSTUS, JR., A.B. Harvard 1915.....	Sharon, Conn.
VAN INGEN, RICHARD STORRS, A.B. Amherst 1914.....	New York City
WAITE, ALAN FREDERICK, A.B. Dartmouth 1915.....	Yonkers, N. Y.
WALKER, JOSEPH III, A.B. Yale 1915.....	New York City
WARNER, DANIEL DUDLEY (Senior in Columbia College).....	New York City
WEISS, JULIUS, A.B. C. C. N. Y. 1915.....	New York City
WEISS, LOUIS STIX, A.B. Yale 1915.....	New York City
WELLER, ERNEST, A.B. Fordham 1915.....	Hoboken, N. J.
WHEELSS, HUBERT CHAPELLE, A.B. Texas 1914.....	Mercedes, Tex.
WIENER, MERVIN GERALD (Senior in Columbia College).....	Newark, N. J.
WILLIAMS, HARRY CLAY, A.B. Emory & Henry 1910.....	Martinsville, Va.
WILLIAMS, ROBERT BLACKWOOD, A.B. Princeton 1914.....	Summit, N. J.
WILSON, YORK LOWRY, A.B. Princeton 1915.....	Rock Hill, S.C.
WISE, RAYMOND LEO (Senior in Columbia College).....	Douglaston, N. Y.
WOLOWITZ, ABRAHAM C., B.S. C. C. N. Y. 1915.....	New York City
WYMAN, GREY H., A.B. Brown 1908.....	Lawrence, Mass.

## Non-Matriculated Students

ABRAMSON, SAMUEL, LL.B. Drake 1914.....	New York City
ANDERSON, TILDEN WILLIAM, LL.B. Texas 1915.....	Clifton, Tex.
BARTHOLOMEW, DON CARLOS, LL.B. Georgetown 1915.....	New Holland, O.
BENTON, JOHN KNOX, A.B. Carroll 1914.....	North Branch, Kan.
BRINTON, BENJAMIN H.....	Butte, Mont.
BROUGHTON, LEONARD GASTON, JR.....	Knoxville, Tenn.
BROWN, FRANCIS MORROW, LL.B. Alabama 1915.....	New York City
CAMPBELL, JASPER ADAMS.....	New York City
CARTWRIGHT, BOURKE.....	Terrill, Tex.
COGSWELL, CHARLES AMOS.....	New York City
COTTEN, FRED RIDER, A.B. Texas 1915.....	New York City
CZAJKA, LOUIS.....	New York City
DOREMUS, J. W. JR.....	Bryan, Texas
DRINKWATER, HAROLD PAUL, A.B. Colorado 1913.....	New York City
DUNN, HARRY LIPPINCOTT, A.B. California 1915.....	Santa Barbara, Cal.
GARCIA, FABIAN, B.L.S. Havana 1914.....	New York City
GETELSON, ALBERT HEXTER.....	Cincinnati, O.
GILLILAND, ARTHUR WALLACE.....	Jacksboro, Tex.
HAMILTON, ALEXANDER, JR.....	New York City
HOGAN, ROMAINE LANSING, Litt.B. Princeton 1914.....	Los Angeles, Cal.
HORNIK, ADOLPH ROBERT.....	Charleston, S. C.
KANEKO, GIN JIRO.....	New York City
KARSTEN, KARL ROBERT GUSTAF, A.B. Chicago 1911, A.B. Oxford (England) 1914.....	Bryn Mawr, Pa.
KEEN, EDWARD VAN WINKLE.....	New York City
KOPLIN, LOUIS, A.B. Georgia 1913, LL.B. Atlanta Law 1915.....	Atlanta, Ga.
LANGLEY, H. W.....	New York City
LATKIN, SAM., LL.B. Arkansas 1915.....	Little Rock, Ark.
LAUBE, HERBERT DAVID, A.M. Michigan 1911.....	Brodhead, Wis.
LEWIS, SAMUEL CLAIGHORN.....	Sioux City, Ia.
LORENZ, KEITH, A.B. Harvard 1912.....	Ironbridge, Pa.
MCABEE, RALPH B.....	Seattle, Wash.
MCARDLE, JOHN PHILIP, A.B. St. Francis 1906, LL.B. Fordham 1913.....	New York City
MCBAIN, ROBERT A., A.B. Simpson 1910.....	Corning, Ia.

McKINNON, HAROLD RICHERT, A.B. Santa Clara 1914, LL.B. 1915...	Arcata, Cal.
McNAMARA, JOHN GAFFNEY, A.B. Georgetown 1912.....	Norwich, Conn.
MARRS, AUBREY RIDGWAY.....	Huntington, W. Va.
MARTIN, FREDERIC HENRY.....	Waddington, N. Y.
MARTIN, R. W.....	Defiance, O.
NAKAMURA, MAUKICHT, B.L. Tokyo 1912.....	Japan
NATHAN, EDGAR JOSHUA, JR., A.B. Williams 1913.....	New York City
PEEPLS, THORNWELL K.....	Savannah, Ga.
PETCHTLE, C. B.....	New York City
PINKUSOHN, LEWIS ARNHEIM, B.L. Georgia Law 1915.....	Savannah, Ga.
QUICK, JOHN GARTH.....	Chicago, Ill.
REESE, ROBERT ADDISON.....	Muncie, Ind.
ROGERS, JOHN WILLIAM.....	Newport, R. I.
ROMAINE, RALPH BENJAMIN.....	New York City
ROSE, HUGH DUNCAN.....	Geneva, N. Y.
SAGER, CLARENCE LANE, A.B. Washington & Lee 1914.....	Funkstown, Md.
SHULER, JOHN WILLIAM, B.S. Charleston 1912.....	Batesburg, S.C.
SHAVER, HENRY NATHAN.....	Cohoes, N. Y.
SIEGEL, DAVID PORTER.....	New York City
SHEPARD, LAURENCE HALSTED.....	New York City
SONFIELD, ROBERT LEON.....	Beaumont, Tex.
SUGAWARA, KENJI, LL.B. University Japan 1906.....	Japan
SUTHERLAND, J. DAILY, B.S. King 1911.....	Mountain City, Tenn.
SWAN, HUGO, Ph.B. Chicago 1915.....	Sioux City, Ia.
TUNIS, ROBERTS.....	Cambridge, Mass.
WILLIAMS, REGINALD BABBIT.....	Gadsden, Tenn.
WILSON, ANDREW, JR., A.B. Yale 1913.....	New York City
WISHAAR, WILLIAM PITTS.....	Butte, Mon.
WOODS, GEORGE EDWARD, A.B. Illinois 1913.....	Paris, Ill.
WORTHINGTON, JOSEPH EDWARD, JR., A.B. Williams 1914....	East Orange, N.J.
ZOELLNER, HERBERT WILLIAM.....	Deadwood, S. D.

## SUMMARY

Third Year, Class 1916.....	124
Second Year, Class 1917.....	175
First Year, Class 1918.....	163
Non-Matriculated.....	64
Total.....	526
Deduct Columbia College Students.....	41
Net Total.....	485



# REGISTER OF STUDENTS

## SCHOOL OF MEDICINE

### Fourth Year — Class of 1916

BELL, ALFRED LEE LOOMIS, B.S. 1914.....	Englewood, N. J.
BERRY, CHARLES NELSON, A.B. and B.S. Oklahoma Univ. 1914....	Norman, Okla.
BINDERMAN, SAUL ARTHUR, A.B. C. C. N. Y. 1910.....	New York City
BLANTON, WYNDHAM BOLLING, A.B. Hampden Sidney 1910, A.M. Univ. of Virginia 1912.....	Richmond, Va.
BLISS, WALTER PARKS A.B. and A.M. Wesleyan Univ. 1909 and 1910.....	Upper Montclair, N. J.
BLUE, GEORGE EASON, B.S. Alabama Polytechnic Institute....	Montgomery, Ala.
BLUESTONE, EPHRAIM MICHAEL, B.S. 1913.....	New York City
BONVICINO, LOUIS ANTHONY.....	New York City
BOSTANIAN, KEVORK NERSES, A.B. Central Turkey Coll. 1907....	Aintab, Turkey
BRAHDY, LEOPOLD, B.S. 1914.....	New York City
BRUNER, ABRAM BRENNEMAN, A.B. Wesleyan 1913.....	Columbia, Pa.
BULL, DAVID CHAPMAN, Ph.B. Yale 1912.....	Naugatuck, Conn.
BUTLER, CHARLES TERRY, A.B. Princeton 1912.....	New York City
CONAN, NEAL JOSEPH, A.B. St. John's College 1910.....	Pompey, N. Y.
COX, WESLEY CINTRA, A.B. 1913.....	New York City
DOBRIN, MAX, B.S. University of Michigan 1914.....	Montclair, N. J.
FERRY, RONALD MANSFIELD, A.B. Harvard 1912.....	New York City
FIELD, MANNING CROMWELL, A.B. Williams 1912.....	New York City
FOOTE, MERRILL NEWTON.....	New York City
FORTUINE, STANLEY THEODORE, A.B. Hope College 1912.....	Holland, Mich.
GOLDFARB, BARNETT, A.B. C. C. N. Y. 1912.....	New York City
GOODGLICK, SAMUEL.....	Seattle, Wash.
GROLLMAN, MEYER, A.B. C. C. N. Y. 1912.....	New York City
HARTVIGSEN, HYRUM JACOB, B.S. Agricultural Coll. of Utah 1913.	Downey, Idaho
HAUBEN, LOUIS, B.S. 1914.....	New York City
HUME, WALTER FAIRBANK, Ph.B. Yale 1912.....	Springfield, Mass.
JESSUP, EVERETT COLGATE, B.S. Princeton 1911.....	New York City
JEWETT, CHARLES HARVEY.....	Canandaigua, N. Y.
JOHNSON, PAUL BARRUS.....	New York City
KAHN, SAMUEL, B.S. 1912.....	New York City
KALBFLEISCH, ERNEST LEOPOLD, B.S. St. Louis Univ. 1912.....	Newton, Kan.
KUHN, ISIDOR RUSSEL, A.B. 1914.....	New York City
LEGGETT, THOMAS HAIGHT, A.B. 1914.....	Plainfield, N. J.
LINTZ, JOSEPH, B.S. 1914.....	New York City
LIPSETT, PHILIP JOSEPH, B.S. N. Y. Univ. 1915.....	New York City
MAGNETTE, JULES, JR., A.B. 1914.....	Newark, N. J.
MAHON, HUGH WILLIAM, A.B. C. C. N. Y. 1912.....	New York City
MAMELOK, LOUIS, A.B. C. C. N. Y. 1912.....	New York City
MANJONEY, PHILIP, A.B. Yale 1913.....	Bridgeport, Conn.
MANN, LEWIS THEODORE.....	New York City
MCNEILE, HECTOR JAMES.....	New York City
MELENEY, FRANK LAMONT, A.B. Dartmouth 1910.....	New York City
MESSING, ARNOLD, A.B. C. C. N. Y. 1912.....	New York City
MORRISON, HAROLD FLEMING, A.B. Univ. of Nebraska 1913.....	College Springs, Ia.
NEMSER, MAXIMILIAN, Ph.C. 1912.....	New York City
NICOLSON, WILLIAM PERRIN, JR., A.B. Univ. of Georgia 1912.....	Atlanta, Ga.
O'CONNOR, ARTHUR JOSEPH.....	New York City

OSSERMAN, HYMAN AARON, A.B. 1913.....	Edgewater, N. J.
RADIN, MORRIS JACOB, A.B. Yale 1914.....	Hartford, Conn.
RANDALL, JOHN ALBERT, A.B. Dartmouth 1913.....	Berkley, Mass.
RAYLE, ALBERT AMIS, JR., A.B. Mercer 1908, A.M. Univ. of Ga. 1912.....	Lexington, Ga.
ROSENMAN, JACOB DANIEL.....	New York City
SALOMON, ALFRED VICTOR, B.S. C. C. N. Y. 1912.....	New York City
SANMANN, LOUIS FREDERIC, B.S. Univ. of Nebraska 1914.....	Diller, Neb.
SCHLEUSSNER, ROBERT CLINTON, Ph.C. 1912.....	New York City
SCHOLZ, THOMAS.....	New York City
SCHRAM, CLARE FREDERICK NESBIT.....	New York City
SHATARA, FUAD ISA.....	Jaffa, Turkey
SHIBLEY, GERALD SPENCER, A.B. 1913.....	New York City
SMITH, GROVES BLAKE.....	Godfrey, Ill.
STADIE, WILLIAM CHRISTOPHER, B.S. and M.S. N. Y. Univ. 1907 and 1912.....	New York City
STEINHOLZ, REUBEN, B.S. C. C. N. Y. 1912.....	New York City
STRUMWASSER, SAMUEL, B.S. C. C. N. Y. 1912.....	New York City
SWEET, WALLACE NATHANIEL, A.B. Yale 1911.....	Lebanon, Conn.
TRACEY, WILLIAM WALLACE, Ph.B. Yale 1912.....	Norwalk, Conn.
TRIPPE, CLARENCE MORTON, A.B. Hamilton 1907 and A.M. Hamilton 1910.....	Charlotte, N. C.
WIENER, JACOB J.....	New York City
WILLS, CHARLES EDWARD, A.B. Mercer Univ. 1912.....	Washington, Ga.
WILSON, JAMES LANCELOT, A.B. 1914.....	Jersey City, N. J.
WINTERNITZ, DAVID HENRY, A.B. Univ. of Utah 1913.....	Colorado City, Colo.
ZAMKIN, HARRY OSCAR, B.S. C. C. N. Y. 1912.....	New York City
Fourth Year — Class of 1916.....	71

### Third Year — Class of 1917

ANDERSON, GILBERT CHRISTIAN, A.B. Union Univ. 1905.....	Jackson, Tenn.
BAKOVITZ, HARRY, B.S. 1915.....	New York City
BELL, SAMUEL DENNIS, A.B. Princeton 1913.....	New York City
BERGAMINI, HERBERT MUHLENBERG, Litt.B. Rutgers 1913.....	New York City
BICKLEY, EMIL BURTON.....	Waterloo, Ia.
BIERMAN, WILLIAM, A.B. 1915.....	New York City
BINGAMAN, LEVIS ARTHUR, A.B. Yale 1914.....	Plainfield, N. J.
BLANTON, HOWSON WALLACE, A.B. Hampden Sidney 1912.....	Richmond, Va.
BLAUVELT, HAROLD, B.S. Wesleyan Univ. 1913.....	New York City
BLOOD, WILKIE HOOPER, A.B. Brigham Young Coll. 1909.....	Kaysville, Utah
BRASLIN, WILLIAM DONALD, B.S. 1915.....	New York City
BRUN, GUSTAVE AUGUST, B.S. Dartmouth 1915.....	Newark, N. J.
BULLEN, BERNARD CHRISTIE, B.S. Oklahoma A. & M. Coll. 1912.....	Stillwater, Okla.
BUSWELL, CALVIN EZRA, A.B. Univ. of Minnesota 1910.....	Minneapolis, Minn.
CAVERLY, CHARLES EDWARD, JR., A.B. Univ. of Georgia 1913.....	Atlanta, Ga.
CHAPMAN, WILL HARMON, Ph.B. Yale 1912.....	New Britain, Conn.
CUMMING, ROBERT EFFINGER, A.B. Kentucky Wesleyan 1913.....	Winchester, Ky.
DEMING, CHARLES KENNETH, A.B. Yale 1915.....	New Haven, Conn.
DODDS, WILLIAM PAUL, Litt.B. Princeton 1912.....	Kingston, N. Y.
EISNER, MOSES NATHANIEL, A.B. 1915.....	Poughkeepsie, N. Y.
FARNUM, WALDO B.....	New York City
FELT, WALTER LAURENCE, B.S. Univ. of Utah 1915.....	Salt Lake City, Utah
FERGUSON, LEE HOLLISTER, B.S. Ohio Wesleyan Univ. 1913.....	Delaware, O.
FERN, SAMUEL SIDNEY, A.B. 1915.....	Elizabeth, N. J.
FIELD, WILLIAM HINRICHS, A.B. Williams 1913.....	New York City
FISKE, PLINY BAXTER, Ph.B. Hamilton 1910.....	Byron, N. Y.
FLANDERS, ROBERT, A.B. Dartmouth 1914.....	Manchester, N. H.

FOLEY, ERNEST LEE, A.B. Indiana Univ. 1915.....	Bloomington, Ind.
FULLER, DUNCAN MAC TAVISH, Ph.B. Sheffield 1913.....	New York City
GERACI, LUCIAN ARTHUR, Ph.B. Yale 1913.....	New Haven, Conn.
GOODMAN, HERMAN, B.S. 1915.....	New York City
GRANGER, WILLIAM RICHARD RANDOLPH, B.S. Dartmouth 1915....	Newark, N. J.
GREENBERG, MORRIS, A.B. C. C. N. Y. 1911.....	New York City
GREENHOUSE, ABRAHAM CHARLES, B.S. Univ. of Oklahoma 1915....	Hoboken, N. J.
HAYS, ROY GOUVERNEUR, West Virginia Univ. 1915.....	Friendly, W. Va.
HECK, EDSON BURR, B.S. Princeton 1913.....	Jersey City, N. J.
HENRY, TIDAL BOYCE, B.S. Wake Forest 1913.....	Wadesboro, N. C.
HERMAN, HAROLD, B.S. 1915.....	New York City
HERRING, ALBERT CRAWFORD, A.B. 1914.....	New York City
HORTON, WILLIAM STEURER.....	Yonkers, N. Y.
HUDSON, ERASTUS MEAD, B.S. Harvard 1913.....	Plattsburg, N. Y.
HYMAN, HAROLD THOMAS, A.B. 1915.....	New York City
ILL, EDMUND WALDEMAR, B.S. Princeton 1913.....	Newark, N. J.
ISAACS, HAROLD JOSEPH.....	New York City
JOHNSON, ARTHUR AUGUST.....	Waterbury, Conn.
JOSEPHSON, EMANUEL M.....	New York City
KAUFMAN, JULIUS.....	New York City
KEATING, JOHN JOSEPH HONAN, A.B. Fordham Univ. 1913.....	New York City
KOHN, JEROME, A.B. C. C. N. Y. 1913.....	New York City
LATTMAN, JACOB, B.S. C. C. N. Y. 1913.....	New York City
LAZARUS, JOSEPH ARTHUR, B.S. Univ. of Rochester 1914.....	Rochester, N. Y.
LINETT, JOSEPH MORRIS.....	Winnitza, Russia
LYNCH, JAMES A., JR., A.B. 1915.....	New York City
LYONS, LAWRENCE VOSBURGH.....	New York City
McFARLAND, GORDON BURNETT, A.B. Texas Christian Univ. 1913....	Ladonia, Tex.
MANDEVILLE STUART ELLSWORTH.....	New York City
MARCUS, LAZARUS, A.B. 1915.....	New York City
MEIERHOF, HAROLD LEE, A.B. 1915.....	New York City
MOORE, WALTER VAN OLINDA, A.B. 1915.....	New York City
MORRISON, FREDERICK HOLTON, A.B. Harvard 1912.....	Newton, N. J.
NICHOLAUS, JOHN LOUIS, A.B. Univ. of Michigan 1913.....	Schenectady, N. Y.
NOBLE, GEORGE HENRY, B.S. Univ. of Georgia 1913.....	Atlanta, Ga.
POTTER, RAYMOND THORNTON, B.S. Wesleyan 1913.....	Ellenville, N. Y.
PUDNEY, WILLIAM KENT.....	Montclair, N. J.
PYLE, HENRY JOHN, A.B. Hope College 1913.....	Zeeland, Mich.
RAMSEY, GEORGE HERBERT, A.B. Rutgers 1913.....	Olean, N. Y.
RAPOPORT, ELIAS, A.B. Western Reserve 1914.....	Canton, O.
RICE, FRANKLIN WILSON.....	New York City
RICHARDS, LLOYD, A.B. Princeton 1913.....	New York City
ROBERTIELLO, ATTILIO, Ph.C. 1912.....	New York City
ROGERS, RONALD BACON.....	Neenah, Wis.
ROTHENBERG, DAVID MEYER, A.B. 1915.....	New York City
RUDERMAN, LOUIS MACCABEE, A.B. C. C. N. Y. 1912.....	New York City
SALWEN, EMANUEL, B.S. 1915.....	New York City
SIBBALD, JOHN OSWALD, C.E. Rensselaer P. I. 1906.....	Troy, N. Y.
SILBERT, SAMUEL.....	Plainfield, N. J.
SODERSTROM, GUSTAV ALBIN, A.B. Upsala 1911.....	Jamestown, N. Y.
SOLOVEI, SAMUEL.....	New York City
STENBUCK, JOSEPH BENJAMIN, A.B. Harvard 1912.....	New York City
STRAUSS, MAURICE JACOB, A.B. Yale 1914.....	New Haven, Conn.
SUTLIFF, EDWARD HARRISON, A.B. 1915.....	New York City
SWEETSER, THEODORE HIGGINS, B.S. Univ. of Minnesota 1915.....	Minneapolis, Minn.
SWINDLE, ORMUND REID, A.B. Univ. of Missouri 1912.....	Stark City, Mo.
TAMRAZ, JOHN MOORHAJ, B.S. Univ. of North Carolina 1915.....	Passaic, N. J.

VAIL, JOHN INSLEY BLAIR, B.S. and A.M. Princeton 1910 and 1913

	Blairstown, N. J.
VAN DERWERKER, EARL EDWARD, B.S. Rutgers 1912.....	Schuylerville, N. Y.
VINCENT, LEONARD MARSHALL, B.S. Colgate 1912.....	Three Mile Bay, N. Y.
VON HOFE, FREDERICK HERBERT.....	Orange, N. J.
WARE, EDWARD RICHMOND, A.B. Williams 1913.....	New York City
WEST, RANDOLPH, A.B., A.M. Princeton 1912 and 1913.....	Princeton, N. J.
WESTERMANN, JOHN JACOB, JR., A.B. Yale 1912.....	New York City
WHITE, PARK JERAULD, JR., A.B. Harvard 1913.....	New York City
WILENS, IRA, B.S. C. C. N. Y. 1913.....	New York City
WILSON, JOHN ALBERT, B.S. 1915.....	Bentham, Eng.
WURM, CARL JR., B.S. 1915.....	New York City
YAMPOLSKY, JOSEPH, A.B. Univ. of Georgia 1913.....	Atlanta, Ga.
ZEMAN, FREDERICK DAVID, A.B. 1913.....	New York City

Third Year — Class of 1917.....97

### Second Year — Class of 1918

ALLEN, PAUL MASON, A.B. Wofford College 1914.....	Spartanburg, S. C.
ANDREWS, GEORGE CLINTON, JR., A.B. Cornell 1912.....	Tarrytown, N. Y.
APPELBAUM, EMANUEL (Senior in Columbia College).....	New York City
BABBOTT, FRANK LUSK, JR., A.B. Amherst 1913.....	New York City
BACCHUS, JAMES LAMBERT, A.B. Washington 1912.....	Chestertown, Md.
BARNES, WILLIAM JAMES, A.B. Hamilton 1914.....	Pittston, Pa.
BARONE, MELCHISEDECK ALFRED (Senior in Columbia College)	South Norwalk, Conn.
BENNETT, JOHN WINFIELD.....	Patchogue, N. Y.
BIERHOFF, ALAN FREDERICK (Senior in Columbia College).....	New York City
BRIEANT, CHARLES LAMONTE (Senior in Columbia College).....	Ossining, N. Y.
BROWNING, GEORGE EMMETT.....	Ogden, Utah
BUNZEL, ERNEST EVERETT, Litt.B. Princeton 1914.....	New York City
CAMPBELL, WILLIAM EDWARD, JR. B.S. Univ. of Georgia 1913.....	Atlanta, Ga.
COCHRAN, GEORGE GILFILLAN, JR. (Senior in Columbia College).....	New York City
COHEN, MORRIS, B.S. C. C. N. Y. 1912.....	New York City
CRYSTAL, BENJAMIN HERMAN, Phar.C. 1914.....	New York City
CURRIER, GILMAN STERLING (Senior in Columbia College).....	New York City
CUTLER, ALLEN RILEY, JR.....	Preston, Idaho
DAWSON, GEORGE MILLARD, B.S. 1914.....	Denver, Colo.
DINNERSTEIN, MORRIS (Senior in Columbia College).....	New York City
DOOMAN, DAVID STODDARD.....	New York City
EHRLICH, DAVID ERNST (Senior in Columbia College).....	New York City
FINKLE, OSCAR GEORGE, JR.....	Bolton Landing, N. Y.
FINKLE, PHILIP (Senior in Columbia College).....	New York City
FINKLESTEIN, WILLIAM, Ph.C. 1913.....	New York City
FISCHER, HENRY SALL (Senior in Columbia College).....	New York City
FLOWERS, HILAND LEE (Senior in Columbia College).....	New York City
GOLDBERG, SIMON PAUL.....	New York City
GOLDSTEIN, JOSEPH, Phar.C. 1914.....	New York City
GOODCHILD, FRANKLIN MYERS, B.S. Stetson Univ. 1914.....	New York City
GORSCH, RUDOLPH V., A.B. New York Univ. 1911.....	New York City
GROSVENOR, ROBERT.....	Newport, R. I.
GULDNER, RENE, A.B. Zabern College 1908.....	New York City
HALBERT, HERBERT LYNN, B.S. Hobart 1913.....	Geneva, N. Y.
HAMILTON, CHARLES EDWARD (Senior in Columbia College).....	New York City
HARRISON, ELAKE.....	Middlesboro, Ky.
HERMES, HARRY LEONARD, Ph.C. 1911.....	New York City
HERRMANN, ADOLF FRIEDRICH, Ph.D. Kiel 1908.....	New York City
HESLIN, WILLIAM FRANCIS, JR., A.B. Fordham 1913.....	New York City
HETZEL, FREDERICK CRAFT, B.S. Penn. College 1913.....	Connellsville, Pa.

HIRSHFELD, SAMUEL.....	New York City
HOWKINS, JOHN SMALLBROOK.....	Savannah, Ga.
HOWLEY, CLARENCE PAYNE, A.B. Fordham 1914.....	New York City
HUDSON, PAUL LOVEJOY.....	Atlanta, Ga.
ILL, CARL HALLER, B.S. Princeton 1914.....	Newark, N. J.
KRAMER, RUDOLPH, B.S. C. C. N. Y. 1914.....	New York City
LAW, DONALD EDWARD, A.B. Dartmouth 1915.....	New York City
LAZERSON, MORRIS, A.B. Univ. of Rochester 1913.....	Rochester, N. Y.
LEHMAN, EDWARD, A.B. 1914.....	New York City
LESTER, CHARLES WILLARD, A.B. Williams 1914.....	Saratoga Springs, N. Y.
LEVE, HAROLD ROBERT, A.B. Univ. of Rochester 1915.....	Rochester, N. Y.
LEVINE, MORRIS HERMAN, Phar.C. 1914.....	New York City
LEVINSKY, AARON (Senior in Columbia College).....	New York City
LUCE, HALLOCK, JR., A.B. Amherst 1914.....	Riverhead, N. Y.
MACLAIRE, AARON SCOTT.....	New York City
MAGNA, CLAMOR HENRY, JR.....	New York City
MANHEIM, SIGMUND, B.S. Princeton 1914.....	Newark, N. J.
MANNE, ALEXANDER.....	New York City
MAUPIN, JERE GIBSON, B.L. Fordham 1910.....	New York City
MAYNARD, EDWIN POST, JR., A.B. Williams 1914.....	New York City
MORRIS, SOLOMON A., Phar.C. 1911.....	New York City
MORRIS, WILLIAM (Senior in Columbia College).....	New York City
MUEHELECK, GEORGE ERNEST, A.B. Princeton 1914.....	Hoboken, N. J.
NAUMER, HARRY AUGUST (Senior in Columbia College).....	New York City
NEAGLE, ALEXANDER HILL, A.B. Williams 1912.....	Elmira, N. Y.
NORTON, JAMES FRANCIS, A.B. St. Peters College 1914.....	Jersey City, N. J.
NUSSBAUM, SYDNEY, B.S. C. C. N. Y. 1914.....	New York City
O'DOWD, JOHN J.....	New York City
OLSAN, IRA MORTIMER, B.S. Univ. of Rochester 1914.....	Rochester, N. Y.
O'MALLEY, COLUMBUS AMBROSE (Senior in Columbia College)....	Yonkers, N. Y.
ORR, FRANK BROCK.....	Newnan, Ga.
PASACHOFF, HARRY DAVID.....	New York City
PERKINS, JOHN RICHARD, A.B. 1915.....	Greenwich, Conn.
PIERSON, RICHARD NORRIS, A.B. Princeton 1914.....	Stamford, Conn.
POTTER, PHILIP CHILDS, A.B. Williams 1914.....	New York City
QUIGLEY, THOMAS EDWARD.....	Canandaigua, N. Y.
QUINN, JOHN MICHAEL.....	New York City
QUINT, WALTER SOUTHWARD, B.S. Dartmouth 1912.....	West Medway, Mass.
RADO, HENRY RUDOLPH (Senior in Columbia College).....	Mt. Vernon, N. Y.
RANKIN, BERTRAND FRED, Ph.B. Yale 1913.....	New York City
RICHARD, EDWARD KARL, A.B. 1915.....	New York City
RITTER, ISIDORE, Sydney Phar.C. 1914.....	New York City
ROBBIN, LEWIS, Ph.B. Lafayette 1914.....	Steelton, Pa.
ROSENZWEIG, MAX.....	Kenoza Lake, N. Y.
RUBIN, HENRY SAMUEL (Senior in Columbia College).....	Bayonne, N. J.
SCHMALZRIED, ELMER WILLIAM, A.B. Northwestern College 1911.....	LaGro, Ind.
SCHOONOVER, FRANK SACKETT, JR.....	Rochester, N. Y.
SEEHM-SIMANOVSKY, ARSENIUS.....	New York City
SHEPARD, LORRIN ANDREWS, A.B. Yale 1914.....	East Orange, N. J.
SHEPPARD, THOMAS TROVILLO, A.B. Yale 1914.....	Pittsburgh, Pa.
SHERBURNE, JOHN, 2ND.....	Amsterdam, N. Y.
SKIDMORE, EARL LOBARK.....	New York City
SOBEL NATHAN.....	New York City
SPENCER, FRANK DANIEL, B.S. Utah Agr. College 1913.....	Salt Lake City, Utah
STAUFFER, FREDERICK LEAVER.....	New York City
STEINHOFF, KARL LUDWIG, A.B. C. C. N. Y. 1913.....	New York City
STEINMAN, ISIDORE, Phar.C. 1913.....	New York City
STEPHENSON, ROBERT ABRAM BERNARD (Senior in Columbia College)	New York City

STILLMAN, WILLIAM ABRAHAM.....	New York City
STUART, HAROLD COE, Litt.B. Princeton 1914.....	New York City
SULLIVAN, EUGENE SHAW.....	Iron River, Wis.
SWAYNE, SAMUEL A., A.B. De Pauw 1913.....	Albuquerque, N. Mex.
TENOPFR, OTOKAR, B.S. 1915.....	New York City
TODD, WARWICK HANFORD (Senior in Columbia College).....	Dobbs Ferry, N. Y.
TOOKER, HAROLD CLIFTON, Ph.B. Brown 1913.....	Larchmont, N. Y.
TRISCHETT, SAMUEL SEYMOUR (Senior in Columbia College).....	New York City
VAN GAASBEEK, HAROLD (Senior in Columbia College).....	New York City
WALSH, HENRY VICTOR, A.B. Fordham 1914.....	New York City
WATSON, RICHARD GWYNN, A.B. Univ. of Oregon 1914.....	Eugene, Oreg.
WEBER, JOHN WILLIAM, A.B. St. John's College 1913.....	Cape Girardeau, Mo.
WEINTRAUB, SYDNEY.....	New York City
WEISSENBORN, HENRY CHRISTIAN (Senior in Columbia College).....	New York City
WESTON, CLIFFORD GRETE.....	New York City
WIRKLICH, HARRY WILLIAM, Phar.C. 1914.....	New York City
WISE, SAM.....	Astoria, Oreg.
YEATON, WILLIAM LEVETT, JR.....	Hoboken, N. J.
ZIEGLER, JEROME MARTIN, A.B. C. C. N. Y. 1914.....	New York City

Second Year — Class of 1918.....94

Juniors and Seniors from Columbia College.....23

117

#### First Year — Class of 1919

ADAMS, CARLOS RICE, B.S. Princeton 1915.....	Bedford Hills, N. Y.
ADAMS, HAROLD BISCOE (Senior in Columbia College).....	New York City
AGAR, JOHN GIRAUD, JR., A.B. Princeton 1914.....	New Rochelle, N. Y.
ALDERMAN, IRVING SANDERS, Ph.B. Yale 1913.....	New Haven, Conn.
ALLING, ERIC LATTIMORE, B.S. Princeton 1914.....	Rochester, N. Y.
ALMOUE, RALPH.....	New York City
ANDERSON, ELMER LAWRENCE, B.S. Univ. of Missouri 1912.....	Goodwater, Mo.
APISDORF, ALEXANDER KARL, B.S. C. C. N. Y. 1913.....	New York City
ASTARITA, MARION WILLIAM, Ph.C. 1911.....	New York City
ASTRACHAN, MORRIS (Junior in Columbia College).....	New York City
ASTOWE, PHILIP STANLEY, B.S. C. C. N. Y. 1914.....	New York City
BALDWIN, LOUIS CHARLES BEARDSLEE, Litt.B. Princeton 1915.....	Florence, Italy
BARACH, ALVAN LEROY.....	New York City
BARBARITO, WILLIAM NICHOLAS.....	Danbury, Conn.
BARSKY, EDWARD.....	New York City
BAUM, SAMUEL MEYERSON.....	New York City
BECK, R. DONALD (Senior in Columbia College).....	New York City
BERNER, FRANK, Ph.G., Ph.C. 1914.....	New York City
BLAUSTEIN, MAURICE (Junior in Columbia College).....	Yonkers, N. Y.
BOLTZ, OSWALD HERMANN.....	Seattle, Wash.
BREAKSTONE, RAPHAEL (Junior in Columbia College).....	New York City
BRIDGES, MILTON ARLANDEN, B.S. 1915.....	New York City
BROHUN, MATTHEW SINGLETON, A.B. Univ. of S. C. 1913.....	Wedgefield, S. C.
BROUGHTON, NEEHDAM BRYANT, A.B. Wake Forest 1911.....	Raleigh, N. C.
BUSCH, IRVING (Junior in Columbia College).....	New York City
BUTLER, VINCENT DE PAUL, A.B. St. Peter's College 1914.....	Jersey City, N. J.
CARPENTER, FRED, A.B. Trinity 1915.....	Bristol, Conn.
CASHMAN, GEORGE AUGUSTIN, A.B. St. Bonaventure's College 1914.....	New York City
CHASAN, ISAAC (Junior in Columbia College).....	New York City
CLARKE, EDWARD WIGHT, A.B. Yale 1915.....	Tenafly, N. J.
COHEN, AARON (Junior in Columbia College).....	New York City
COHEN, SAMUEL LEWIS (Senior in Columbia College).....	New York City
COLEY, BRADLEY LANCASTER, B.A. Yale 1915.....	New York City
COSTER, JAMES STANHOPE, A.B. Holy Cross College 1914.....	New York City

CUMBLER, GEORGE WILLIAM, B.S. Princeton 1915.....	Steelton, Pa.
DART, FREDERICK BOND.....	Niantic, Conn.
DICKIE, GEORGE WILLARD, Ph.G. 1911.....	Morristown, N. J.
DINEGAR, ROBERT HENRY FALES.....	New York City
DUBOIS, ROBERT OGDEN, A.B. 1915.....	New York City
EAGLE, MAX.....	New York City
ETCHNER, BENJAMIN BERNARD, A.B. C. C. N. Y. 1915.....	New York City
FEIGIN, SAMUEL.....	New York City
FEINBERG, SYDNEY CHARLES (Junior in Columbia College).....	New York City
FREY, WALTER GUERNSEY, JR. (Senior in Columbia College).....	New York City
FRIDENBERG, ROBERT, JR.....	New York City
FURMAN, MARTIN ABRAHAM, A.B. C. C. N. Y. 1915.....	New York City
GARLOCK, JONN HARRY.....	New York City
GILE, HAROLD HATCH, Litt.B. Princeton 1915.....	Colorado Springs, Colo.
GINSBURG, SAMUEL, B.S. N. Y. University 1906.....	Passaic, N. J.
GINZBURG, DAVID (Junior in Columbia College).....	New York City
GLIBOFF, HERMAN.....	New York City
GOLDBLATT, DAVID.....	New York City
GOLDSTEIN, MAX MICHAEL (Junior in Columbia College).....	New York City
GOLEMBE, HARRY (Junior in Columbia College).....	New York City
GOODFRIEND, MILTON.....	New York City
GOUBEAUD, HENRY JAMES, JR., A.B. St. Francis Xavier 1915.....	New York City
GREGOR, DAVID GILBERT, A.B. Williams 1915.....	Watertown, N. Y.
HAIGHT, VINCENT WYMAND (Junior in Columbia College).....	Montrose, N. Y.
HAMILTON, HARRY HAYWARD, A.B. Mt. Allison 1903.....	New York City
HARVEY, RALPH LEWIS.....	New Rochelle, N. Y.
HERMAN, HARRY (Junior in Columbia College).....	New York City
HODGES, ALFRED BROWNLEY, A.B. Hampden Sidney 1915.....	Portsmouth, Va.
HOWARD, JAMES WAINWRIGHT, A.B. Yale 1914.....	Yonkers, N. Y.
HOWELL, JOHN TAYLOR, JR., B.S. Union 1914.....	Newburgh, N. Y.
HUGHES, FRANK LUCKETT, A.B. and A.M. Randolph Macon 1914 and 1915.....	Ashland, Va.
HUTCHENS, DON KING, B.S. Union 1913.....	Pulaski, N. Y.
KASSEL, MORRIS (Junior in Columbia College).....	New York City
KELLY, THOMAS DENNIS, A.B. Manhattan College 1914.....	New York City
KIMBALL, REUEL BAKER, JR., A.B. Princeton 1915.....	New York City
KING, GEORGE.....	New York City
KLEIN, SIDNEY (Junior in Columbia College).....	New York City
KLINGENSTEIN, PERCY (Junior in Columbia College).....	New York City
KNAPP, CHARLES STANLEY, A.B. and M.S. Colgate 1914 and 1915.....	Greenwich, Conn.
LAWTON, SHAILER UPTON.....	Brattleboro, Vt.
LEEDE, HORST EDWARD HERMANN (Junior in Columbia College)	
	New York City
LEMELSON, JULIUS.....	New York City
LEONARDO, RICHARD ANTHONY.....	Rochester, N. Y.
LEVIN, HENRY (Junior in Columbia College).....	Yonkers, N. Y.
LEWIS, KENNETH MARK (Junior in Columbia College).....	Short Hills, N. J.
LICCIONE, WILLIAM TITUS MARIUS (Junior in Columbia College)	
	Mt. Vernon, N. Y.
LINDENBAUM, ABRAHAM.....	New York City
LOOMIS, BARLOW TINGLEY, A.B. Union 1915.....	Unadilla, N. Y.
LOURIA, HENRY WALTER (Senior in Columbia College).....	New York City
LUSKIN, HAROLD.....	New York City
MCCOY, WALTER AMBROSE.....	New York City
MCGRAW, ARTHUR BUTLER, A.B. Yale 1915.....	Detroit, Mich.
MARTUS, JEROME HENRY, Ph.G., Ph.Ch. 1914.....	New York City
MEBANE, DONALD CUMMINS (Junior in Columbia College).....	Wilkes Barre, Pa.
MEYER, HERBERT WILLY (Senior in Columbia College).....	New York City
MILLS, SAMUEL WICKHAM, A.B. Yale 1915.....	Middletown, N. Y.

MINSKY, HENRY (Junior in Columbia College).....	New York City
MOOLTEN, RALPH REMBRANDT (Junior in Columbia College).....	New York City
MUFSON, ISIDOR.....	New York City
MURRAY, HENRY ALEXANDER, JR., A.B. Harvard 1915.....	New York City
MUZANTE, JOSEPH BERNARD.....	Glen Cove, N. Y.
NEMSER, RUDOLPH.....	New York City
OBERRENDER, GIRARD FRANKLIN (Senior in Columbia College).....	South Orange, N. J.
PALINSKY, MAX.....	New York City
PHILLIPS, THOMAS.....	New York City
POHLMAN, HARRY FRANCIS (Junior in Columbia College).....	Middletown, N. Y.
PONEMONE, IRVING WADSWORTH (Junior in Columbia College).....	New York City
POST, JOHN JAMES.....	Palisades Park, N. J.
PULBO, DOMINIC ANTONIO, A.B. Fordham 1915.....	New York City
RANSOHOFF, NICHOLAS S. (Junior in Columbia College).....	New York City
ROBERTS, CHARLES KINGSLEY, Ph.B. Sheffield Scientific School 1914.....	New York City
ROBERTS, GEORGE HENRY, JR. (Senior in Columbia College).....	Peekskill, N. Y.
ROBINSON, MEYER SEYMOUR.....	New York City
ROBINSON, VICTOR, Ph.C. 1911.....	New York City
SACHAROFF, LEO SAMUEL (Junior in Columbia College).....	New York City
SAMUELS, SAUL SIMON (Senior in Columbia College).....	New York City
SAMWORTH, ROBERT PAWLEY (Senior in Columbia College).....	Paterson, N. J.
SAXL, NEWTON THOMAS.....	New York City
SCARDACCIONE, ALEXANDER ANSELM (Senior in Columbia College).....	New York City
SCHIMPF, WILLIAM HOWARD.....	New York City
SCHMITT, ROSWELL LAURENCE (Junior in Columbia College).....	Middletown, N. Y.
SCHULTE, HERBERT AUGUST (Junior in Columbia College).....	Newark, N. J.
SELDOWITZ, MORTON (Junior in Columbia College).....	New York City
SHLEVIN, EDMUND LESTER (Junior in Columbia College).....	New York City
SIEGEL, BENJAMIN.....	New York City
STERMAN, MAX.....	New York City
STIER, ROBERT FREDERICK EMMANUEL, B.S. Rutgers 1915.....	Sayreville, N. J.
SUER, ARTHUR, B.S. C. C. N. Y. 1913.....	New York City
SWIFT, WALKER ELY, A.B. Yale 1915.....	New York City
TODD, RALPH TENBROECK, A.B. Rutgers 1915.....	Tarrytown, N. Y.
TWERSKY, MORRIS BORIS, Ph.Ch. 1914.....	New York City
VALENTINE, HERBERT IRWIN, B.S. 1914.....	New York City
VON EMBURGE, GEORGE HENRY (Junior in Columbia College).....	Arlington, N. J.
WANDERMAN, SIMON SAMUEL, Phar.C. 1914.....	New York City
WEINREB, CHARLES, Ph.C. 1914.....	New York City
WEINSTEIN, LOUIS.....	New York City
WELDING, JAMES RUSSELL (Junior in Columbia College).....	Hillsdale, N. J.
WILKINSON, HENRY CAMPBELL, A.B. Yale 1915.....	Hamilton, Bermuda
WINANT, FREDERICK, JR., Litt.B. Princeton 1915.....	New York City
WOLF, IRA MORRIS.....	New York City
WOOD, PAUL MEYER (Senior in Columbia College).....	New York City
WURZBACH, FREDERICK ALFRED, JR. (Junior in Columbia College).....	New York City
First Year — Class of 1919.....	91
Juniors and Seniors from Columbia College.....	45
	136
Fourth Year — Class of 1916.....	71
Third Year — Class of 1917.....	97
Second Year — Class of 1918.....	94
First Year — Class of 1919.....	91
	353
Juniors and Seniors from Columbia College.....	68
	421
Special Students.....	20
Total.....	441



# REGISTER OF STUDENTS

## SCHOOLS OF MINES, ENGINEERING AND CHEMISTRY

Fourth Year — Class of 1916

### Mining Engineering

ANDERSON, BARCLAY G.	Berkeley, Cal.
ARMSTRONG, JAMES ANDREW BRUCE	New York City
BIRKETT, HOWARD	New York City
BOHLIN, HOWARD GRENVILLE	Ridgefield Park, N. J.
BRATTON, W. NORMAN	Cordova, Alaska
BROWNING, P. DEWEES, A.B. Bucknell 1904	Orbisonia, Pa.
COWAN, WILLIAM W.	New York City
FEARN, HEWITT ONDERDONK	Oyster Bay, N. Y.
FINKELDEY, WILLIAM HENRY, B.S. Penn. State 1915	Camden, N. J.
KELLEHER, CORNELIUS	Yonkers, N. Y.
KLEIN, KARL F.	New York City
KLUGESCHIED, WALTER P.	New York City
KUPFERSTEIN, JOSEPH THOMAS	Brooklyn
MILYKO, ALEXANDER	New York City
PELL, VAN DYNE	New York City
SCHOLL, LOUIS A., JR., B.S. Carnegie 1910	Crafton, Pa.
THOMAS, JAMES AKIN, JR.	New York City
UNGER, LOUIS S.	New York City
WEBB, TORREY HORD	New York City
WENSLEY, ROGER LYTLE	Brooklyn
WILLIAMS, FRED P., E.M. N. Dak. Sch. Mines 1910	Larimore, N. Dak.
WORMSER, FELIX EDGAR	New York City

### Metallurgy

BANKS, REGINALD MARSH	New York City
BENSON, REYNOLDS	New York City
BLAUT, SAMUEL JOSEPH	New York City
BLEIL, CLARENCE J.	New York City
KEMP, JAMES T., B.S. 1912	New York City
MANDELL, AMBROSE J. E., B.S. 1914	New York City

### Civil Engineering

ACKERMAN, RUDOLPH WILLIAM	Scarsdale, N. Y.
BLOCK, MARTIN	Brooklyn
VAN BUREN, MAURICE P., B.S. 1914	Staten Island, N. Y.
BUTLER, HERBERT FULLER	New Rochelle, N. Y.
CARNELLI, CHARLES MICHAEL	New York City
CURRY, TRUMAN MINOR, JR.	New York City
GROMAN, SOLOMAN	Brooklyn
GROSSMAN, HERMAN	New York City
HOLLMANN, RICHARD F., B.S. 1914	Brooklyn
KANE, DANIEL COUGHLIN	Brooklyn
LANGE, WILLIAM, Lv. of absence to Sept. 1916	Ridgefield, N. J.
MOELLER, LEWIS NICHOLAS	New York City
NABOW, DAVID	New York City
NEINKEN, MORTIMER L.	Brooklyn
NEVITT, HENRY GLAVIS	New York City
NYLAND, FRITZ C., B.S. 1914	Glen Ridge, N. J.

## 362 SCHOOL OF MINES, ENGINEERING, CHEMISTRY

O'REILLY, WILLIAM T.	New York City
PHIPPS, FRANCIS HARLOE, B.S. 1914	Mt. Vernon, N. Y.
POSNER, HARRY, B.S. 1911	New York City
ROCKMAN, ALEXANDER S.	Brooklyn
ROMEO, DONATO	New York City
WILLIAMSON, ROBERT GORDON	Greenwich, Conn.

### Electrical Engineering

BARTH, ERNEST A., B.S. 1914	New York City
BAXTER, CHANNING WHEELER	Brooklyn
BERNSTEIN, DAVID M.	Brooklyn
BINDER, ALBERT A.	Aurora, Ill.
BISCHOFF, HENRY W.	Astoria, N. Y.
CARROLL, JOHN D., A.B. Johns Hopkins 1912	Baltimore, Md.
CURRY, WALTER A.	New York City
DICKIE, DOUGLAS PERRY, A.B. 1913	New York City
GABRIEL, JOHN C.	Gardiner, N. Y.
GUTERMAN, HERBERT	New York City
HAMDİ, ABDULLAH FEYZI	Constantinople, Turkey
HEALY, FRANCIS C.	New York City
VON HEIMBURG, FRED	New York City
JONES, ROBERT A.	Montgomery, Ala.
MYERS, OSCAR BLAIR	Mt. Vernon, N. Y.
PASCARELLA, ANTHONY J.	Emerson, N. J.
PINTO, ANTHONY, B.E. Cooper 1907	New York City
SHAPIRO, LAZARUS, B.S. C. C. N. Y. 1914	New York City
SMILARI, MANLIO A., B.S. C. C. N. Y. 1911	New York City
TAYLOR, DONALD WILLIAM	New York City
UNDERHILL, EDWARD M., B.S. 1914	Fishkill, N. Y.

### Mechanical Engineering

BARTON, VICTOR N.	Cedarhurst, N. Y.
BRIZZOLARA, ROBERT	New York City
BUCKWALD, HARRY M.	New York City
BUNZL, WALTER GUS.	New York City
DOWLING, LAURENCE	New York City
GLEESON, JOHN M.	New York City
GREENWALD, LOUIS	New York City
HANLON, JOSEPH T., A.B. Loyola 1912	Baltimore, Md.
HARPER, PHILIP STRICKLAND	Greenwich, Conn.
HENRY, ALEXANDER S., JR.	New York City
JACOBS, HENRY L.	Brooklyn
JEANNERET, ANDRÉ	East Rutherford, N. J.
JOHN, GEORGE HENRY, JR.	New York City
JOHNSON, S. TAYLOR, JR.	Highland Falls, N. Y.
JONES, VINCENT LEROY	Mt. Vernon, N. Y.
MORCH, JOHN	Brooklyn
NIELSEN, LAWRENCE H., B.S. 1914	New York City
PILNACEK, EDWARD A.	New York City
RASORI, FERRUCCIO	Long Island City, N. Y.
WEAVER, ERNEST W.	Brooklyn
ZINS, MAX	New York City

### Sanitary Engineering

ARONESCU, LEON I., B.S. 1914	Rumania
DIEKMANN, WILLIAM H.	New York City
HUTTON, HAROLD S.	West Nyack, N. Y.
IVERSON, MARTIN C.	Brooklyn

KUCHAR, JOSEPH J.	New York City
MEDINE, SIMON.	New York City
MERCKEL, FREDERICK G.	New York City
MOUQUIN, LOUIS H. F., B.S. 1915.	New York City
ORTHEY, GEORGE FREDERICK.	Brooklyn
SCHIFFMAN, CHARLES D.	New York City
STRANG, JOHN A.	Jersey City, N. J.
ZUCKERMAN, SOLOMON.	Detroit, Mich.

## Chemical Engineering

ALLEN, EDWIN T.	Buffalo, N. Y.
BERRY, SYDNEY G.	Montclair, N. J.
FLYNN, KIRTLAND.	New York City
FUNKE, CARL A. D.	New York City
GAMPERT, LOUIS.	New York City
GERTZ, MAX.	Jamaica, N. Y.
GROTEN, FRANK, JR.	Paterson, N. J.
HANCHETT, ARNOLD C.	Salt Lake City, Utah
HARVITT, ADOLPH, B.S. 1914.	Brooklyn
HUBBELL, JOHN P., A.B. Williams 1913.	Garden City, N.Y.
KEMPF, NORMAN W. F.	Newark, N. J.
KENNARD, RALPH B.	New York City
KILBOURNE, KENNETH A.	Seattle, Wash.
LAMBERT, NOAH D.	Brooklyn
MURPHY, GEORGE B., B.S. 1914.	New York City
PETERS, FRAZIER FORMAN.	New York City
PETERSON, CHESTER WILLIAM, B.S. 1914.	New York City
RANDOLPH, ALAN F., B.S. Princeton 1913.	Plainfield, N. J.
SEITZ, JULIUS E., JR.	Newark, N. J.
STEFFENS, JOHN A., Ph.C. 1909, Phar.D. 1910.	Brooklyn
STONE, RICHARD H.	West Lafayette, Ind.
VALENTINE, KENNETH S., A.B. 1914.	New York City

## Chemist

VOLLMER, DAVID WILBERT.	Brooklyn
-------------------------	----------

## FOURTH YEAR — CLASS OF 1916

Mining Engineering.	22
Metallurgy.	6
Civil Engineering.	22
Sanitary Engineering.	12
Electrical Engineering.	21
Mechanical Engineering.	21
Chemical Engineering.	22
Chemistry.	1
	<hr/> 127

## Chemistry

LOESCH, HUGO G., B.S. 1915.	Brooklyn
LOOK, HOWARD W.	Brooklyn
SCHAD, FRED.	Brooklyn

## First Year — Class of 1918

## Mining Engineering

CLEMES, NORMAN H., B.S. Northwestern 1915.	New York
NESBIT, MILLARD F., A.B. Montana 1915.	Missoula, Mont.
PYBURN, PAUL FRANCIS, JR., A.B. Fordham 1914.	Brooklyn
WIDMER, WILLIAM E., B.S. Northwestern 1915.	Centerville, Ia.

## 364 SCHOOL OF MINES, ENGINEERING, CHEMISTRY

### Metallurgy

CORNWALL, CLIFT.....Short Hills, N. J.

### Civil Engineering

KUPEC, WILLIAM J., B.S. C. C. N. Y. 1915.....New York City  
NORTON, TIMOTHY J.....New York City  
SCHENCK, CORNELIUS F., B.S. Rutgers 1913.....Plainfield, N. J.

### Electrical Engineering

ALLEN, EDWARD A., B.S. Alabama Poly. 1915.....Birmingham, Ala.  
BLOOMSBURG, RALPH A.....Baltimore, Md.  
GOE, DAVID M.....New York City  
REID, JOHN, B.S. Rose Poly. 1915.....Owensboro, Ky.

### Mechanical Engineering

BRISTOL, EDWARD S., B.S. C. C. N. Y. 1915.....New York City  
MARTIN, HENRY A., A.B. Carroll 1915.....Fond du Lac, Wis.  
SHEA, EDWARD H.....New York City  
THOMPSON, RAY WALDO.....Tuckahoe, N. Y.

### Sanitary Engineering

KLENKE, FRANCIS M., B.S. C. C. N. Y. 1914, Lv. of absence to Sept.  
1916.....New York City

### Chemical Engineering

CRANE, ARTHUR S.....New York City  
FOGG, WENDELL G., A.B. 1915.....New York City  
GORZÓ, JULIUS, B.S. Carnegie 1915.....McKeesport, Pa.  
JEWETT, FREDERICK W.....New York City  
MALISOFF, WILLIAM, B.S. 1915.....Brooklyn  
RANDOLPH, WENDELL G.....New York City  
UTSONOMIYA, MASAICHI, B.S. California 1914.....Ebime-ken, Japan

### Chemistry

#### FIRST YEAR — CLASS OF 1918

Mining Engineering.....	4
Metallurgy.....	1
Civil Engineering.....	3
Sanitary Engineering.....	1
Electrical Engineering.....	4
Mechanical Engineering.....	4
Chemical Engineering.....	7
Chemistry.....	0

24

### SPECIAL STUDENTS

APGAR, FREDERICK W., B.S. Cooper 1905.....Jamaica, N. Y.  
BADT, HARRY ASHER.....Mt. Pleasant, Tex.  
BATEMAN, GEORGE F., B.E. Cooper 1907.....New York City  
BAUSH, ROBERT OLIVER.....Washington, D. C.  
BENNETT, ROBERT HORACE.....Manatee, Fla.  
BOOTH, EVERETT L., B.S. Mich. Mines 1912.....New York  
BOWMAN, MARK COOPER.....Jersey City, N. J.  
BRAISTED, FRANK ALFRED.....Washington, D. C.

CARROLL, PENN LEARY.....	Washington, D. C.
COOPER, HENRY GEORGE.....	Oxford, N. Y.
CUNNINGHAM, JOHN BISSEL, E.M. Mich. Coll. of Mines 1913...	Houghton, Mich.
DEVEREUX, JAMES HENRY, Jr., B.S. Princeton 1915.....	New York City
EVANS, MORRIS B., E.M. Columbia 1909.....	Reisterstown, Md.
FARMER, EDWARD G.....	Springfield, Mass.
FUROKU, TOSAKU.....	Tokyo, Japan
HEBB, THOMAS C., A.B., B.S., A.M., Dalhousie Ph.D. Chicago 1904	Marquette, Mich.
IGARASHI, TADAO, E.E. Tokyo Tech. 1911.....	Saseho, Japan
INGELOFF, THORSTEN JOHAN, Chalmers Tech. (Sweden) M.E. 1911..	Boden, Sweden
ITO, MANTARO, M.E. Tokyo 1908.....	Akita, Japan
JAMES, JULES.....	Danville, Va.
KAJIWARA, SHINFEI, Chem.E. Tokyo Univ.....	Tokyo, Japan
KENNEDY, SHERMAN STEWART.....	Washington, D. C.
KOIDE, HIROTARO.....	Sakai, Japan
KRAUS, SYDNEY MOSES.....	Peru, Ind.
LEE, TSING LUNG.....	Hunan, China
LEIGHTON, FRANK THOMSON.....	Tunkhannock, Pa.
LIVINGSTON, WILLIAM S., Jr.....	New York City
LINSLEY, LEONARD NOEL.....	Baltimore, Md.
LOGAN, EDGAR ARDEN.....	West Point, N. Y.
MCALLISTER, DANIEL B.....	Boston, Mass.
MANOCK, FRANK DELMORE.....	Pittsfield, Me.
MIURA, MASARU.....	Japan
NAKAMIGAWA, TETSUSHIRO, M.E. Cornell 1914.....	Tokyo, Japan
OWEN, WILLIAM COOK.....	Fayetteville, N. C.
SMITH, E. C., E.M. Ohio State 1913.....	New Brighton, Pa.
SMITH, ERNEST M., B.S. M. I. T. 1906.....	Syracuse, N. Y.
SMITH, HAROLD TRAVIS.....	Tacoma, Wash.
SMITH, KARL FREDERICK.....	Adams, Mass.
STIRLING, ARCHIBALD G.....	New York City
TANAKA, YOSHIO, Chem. E. Tokyo Univ.....	Tokyo, Japan
THOMAS, CLARENCE CRASE.....	Washington, D. C.
VAN AUKEN, FREDERIC TABOR.....	Washington, D. C.
WATANABE, KOICHI.....	Tokyo, Japan
WETJEN, CARL T.....	Bremen, Germany
WILLIAMS, RALEIGH CORWIN.....	Washington, D. C.
WISHAAR, WILLIAM PITTS.....	New York City
YOSHIDA TOSAJIRO.....	Japan

## SUMMARY

	First Year	Third Year	Fourth Year	Totals
SCHOOL OF MINES:				
Mining Engineering.....	4	18	22	44
Metallurgy.....	1	4	6	11
SCHOOL OF CHEMISTRY:				
Chemistry.....		3	1	4
Chemical Engineering.....	7	33	22	62
SCHOOL OF ENGINEERING:				
Civil Engineering.....	3	29	22	54
Sanitary Engineering.....	1	8	12	21
Electrical Engineering.....	4	32	21	57
Mechanical Engineering.....	4	24	21	49
SPECIAL STUDENTS.....				47
				349

## Third Year—Class of 1917

## Mining Engineering

ABOUCAR, SLEYMAN, Royal University Liege B.S. 1911.....	Cairo, Egypt
ARMSTRONG, CLIFTON T.....	New York City
BECKWITH, ALBERT J., B.S. 1915, Lv. of absence.....	Brooklyn
BERG, PHILIP.....	New York City
BURNHOLZ, HENRY S.....	New York City
DIXON, MAX MULLER, B.Litt. Princeton 1913.....	Brooklyn
KRAUS, EDGAR.....	New York City
MACMILLAN, HERBERT.....	Jersey City, N. J.
MOLDENKE, EDEL.....	Watchung, N. J.
NORRIS, ROBERT V., Jr., Ph.B. Yale, 1915.....	Wilkes Barre, Penn.
PARK, JOHN.....	Nyack, N. Y.
PETZEL, CHARLES L.....	New York City
SCHLOSS, JOHN MALCOLM.....	New York City
SMITH, BERT R.....	New York City
SPURNY, EMIL.....	New York City
TICHBORNE, HERBERT M.....	Mt. Vernon, N. Y.
WALKER, AUGUSTUS W.....	Laurenceburg, Ky.
WILLEY, HOWARD.....	Mt. Upton, N. Y.

## Metallurgy

ERDOFY, MAXWELL E.....	New York City
GIBSON, A. WALLACE.....	New York City
HERMSDORF, RICHARD P.....	New York City
SOMMERVILLE, WILLIAM B., Jr.....	New York City

## Civil Engineering

ABKARIAN, VICTOR S.....	New York City
BRADLEY, LYMAN C.....	Mt. Vernon, N. Y.
FRIEDBERG, MOSES D.....	New York City
GAINSBORG, EDWARD C.....	New York City
GERSCH, EMANUEL.....	New York City
GOLDFINGER, HENRY.....	New York City
KLEIN, SAMUEL HENRY.....	Brooklyn
KLUPT, ALEXANDER E.....	Brooklyn
LESHENSKY, HARRY W.....	New York City
LEVY, JOSEPH I.....	Bayonne, N. J.
LEWIN, GEORGE J.....	New York City
MESSING, MORRIS.....	New York City
MILLER, DAVID W.....	New York City
MOORE, RICHARD R.....	New York City
MUNROE, ROBERT KING.....	Litchfield, Conn.
NEUMER, OTTO.....	New York City
PALMER, HERBERT M.....	New York City
PICCIONE, GARIBALDI J.....	New York City
RENARD, FREDERICK ARTHUR.....	New York City
ROSENZWEIG, MORRIS.....	Chattanooga, Tenn.
SHERIDAN, SARSFIELD J.....	New York City
STEIN, MORRIS, B.S. 1915.....	New York City
SUSSMAN, SAMUEL, B.S. 1914.....	New York City
TAMBURRELLI, HECTOR.....	New York City
TARNOPOLL, LOUIS.....	Brooklyn
THOMSON, ROBERT A.....	Long Island City, N. Y.
WALKER, WILLIAM FARQUHARSON.....	New York City
WEISKOPF, EDWARD F.....	Mt. Vernon, N. Y.
YOKELSON, SAMUEL C.....	Brooklyn

## Electrical Engineering

AMY, ERNEST VALENTINE.....	New York City
BECK, EDWARD F. W.....	Pelham, N. Y.
BROE, EDGAR PETER.....	New York City
CARPE, ALLEN.....	Xenia, O.
CHASTAGNER, PHILIPPE J. P.....	Yonkers, N. Y.
CONANT, THOMAS W.....	Hubbell, Mich.
CUMMINGS, B. RAY.....	New York City
EDWARDS, JOSEPH B.....	Brooklyn
ELTZ, GEORGE J.....	New York City
FOWLER, JOHN.....	Brooklyn
HAYWARD, CHARLES L.....	Brooklyn
HEYMAN, MORRIS.....	New York City
JACKSON, LIONEL J.....	New York City
JOHNSON, THEOPHILUS JR.....	Woodside, N. Y.
KING, FRANK.....	New York City
KLEIN, HARRY.....	New York City
LEMMON, WALTER S.....	New York City
MITZENIUS, WALTER L.....	Bayonne, N. J.
MUSHEKIN, EDWARD.....	New York City
PRINGLE, JOSEPH G.....	New York City
RODMAN, NICHOLAS.....	New York City
SAMMIS, WALTER H.....	Hempstead, N. Y.
SMITH, HENRY C.....	New York City
SPIEGLER, CHARLES, B.S. C. C. N. Y. 1915.....	Brooklyn
SPORN, PHILIP.....	New York City
STARBUCK, FRED I.....	White Plains, N. Y.
TESSOHN, ISIDOR M.....	New York City
VALVERDE, ROBERT.....	New York City
VAUGHAN, GEORGE W., Jr.....	Mt. Vernon, N. Y.
VAUGHAN, WILBUR S.....	Roselle, N. J.
WALLACH, JOSEPH C.....	New York City
WILSON, GEORGE.....	New York City

## Mechanical Engineering

COLSTEN, ROBERT.....	Binghamton, N. Y.
GARDNER, JESSE J., B.S. Georgia Tech., 1915.....	Marietta, Ga.
GATJE, FREDERICK C.....	Brooklyn
GREENE, HARDING UPDIKE.....	Ridgewood, N. J.
HAGEMAN, DONALD.....	Brooklyn
HAIGHT, JAMES POLLOCK.....	New York City
HENRY, WILLIAM M.....	New York City
HILDEBRAND, H. EDWARD.....	Brooklyn
HOCHETTE, HENRY E.....	Brooklyn
JACKSON, EDWARD C.....	Yonkers, N. Y.
KRETZMER, JOHN L.....	New York City
LANZETTA, JAMES J.....	New York City
LAWLER, JAMES R.....	Pelham, N. Y.
MCINTOSH, ROY E.....	Botheneau, N. D.
MAASS, HAROLD H.....	Brooklyn
MANNING, JAMES.....	Little Falls, N. Y.
MARQUARDT, WILLIAM C.....	New York City
MERRILL, STANLEY CLIFFORD.....	New York City
PLACÉ, LOUIS V., Jr.....	Habana, Cuba
SCHUDE, JULIUS W.....	Mt. Vernon, N. Y.
SENGSTAKEN, CHARLES W.....	Brooklyn
TITCOMB, JOHN H.....	Brooklyn
TUCKER, GORDON E.....	Great Neck, N. Y.
WALTER, MAURICE.....	New York City

## Sanitary Engineering

BEYER, HAROLD WETMORE.....	Brooklyn
BILLSBORROW, RALPH E.....	Paterson, N. J.
JAUSS, RAYMOND B.....	New York City
MCCARTHY, THOMAS G.....	Jamaica, N. Y.
McKENNA, VIRGIL VINCENT.....	Westbury, N. Y.
TARTT, PHILLIPS B.....	Leonia, N.J.
TINOCO, ARTURO, B.S. Liceo de Costa Rica 1912.....	Cartago, Costa Rica
WALSH, MALCOLM.....	New Brighton, N.Y.

## Chemical Engineering

BERSON, JACOB.....	New York City
BOWES, ALMON N.....	New York City
BRUECKMANN, EARL C.....	Newark, N. J.
ELLINGER, LOUIS J., A.B. 1915.....	New York City
EVANS, SAMUEL S. Jr., A.B. Williams 1914.....	Paterson, N. J.
FISHER, DANIEL.....	New York City
FRIEDMAN, AARON.....	New York City
HALDENSTEIN, ALFRED A., B.S. 1915.....	New York City
HANAHAN, MARION L., A.B., B.S. Univ. S. Car. 1914.....	Charleston, S. C.
HEATH, JAMES NEWTON.....	Paterson, N. J.
HOWELL, SIDNEY I.....	East Orange, N. J.
HUNT, ROY LINCOLN.....	Brooklyn
JACOBSON, GEORGE.....	New York City
JOHNSTON, WILLIAM S., B.S. 1915.....	New York City
KLADIVKO, HUGO, Jr.....	Long Island City, N. Y.
KRNO, JOHN M.....	Brooklyn
LANDAU, MORRIS.....	Leonia, N. J.
LANE, LESTER B.....	Peekskill, N. Y.
LIBERTHSON, LEO.....	Yonkers, N. Y.
MAHLER, PAUL.....	New York City
MONELL, LEON MASON, Ph.G., Ph C. N. Y. Coll. of Phar. 1911.....	Binghamton, N. Y.
MOSHER, MAX, B.S. C.C.N.Y. 1914.....	New York City
MOSKOWITZ, MEYER.....	New York City
PINES, WILLIAM.....	Brooklyn
REICHHARD, LEONARD G.....	New York City
SAUL, BENJAMIN, Jr.....	New York City
SILVERMAN, ISADOR.....	Yonkers, N. Y.
SMITHERS, ADELBERT F., A.B. 1914.....	New York City
SOKOLOFF, ABRAHAM N.....	Brooklyn
SPRUNG, JOSEPH.....	New York City
STONE, MEYER.....	New York City
TRUBEK, LEO.....	Carlstadt, N. J.
WADEL, ERNEST GANS, B.S. Penn. Mil. 1914.....	Tyler, Tex.

## THIRD YEAR — CLASS OF 1917

Mining Engineering.....	18
Metallurgy.....	4
Civil Engineering.....	29
Sanitary Engineering.....	8
Electrical Engineering.....	32
Mechanical Engineering.....	24
Chemical Engineering.....	33
Chemistry.....	3



## REGISTER OF STUDENTS 1915-1916

Under the Faculties of Political Science, Philosophy and Pure Science.<sup>1</sup>

- ACHILLES, PAUL STRONG, A.B. Yale 1913, *Psychology, Education*... Ossining, N. Y.  
 ACKERLE, IDA VIVIEN, A.B. Hunter 1907, *German*..... New York City  
 ADAIR, HELEN, A.B. 1915, *Economics*..... Kearney, Neb.  
 ADAMS, ARTHUR BARTO, A.M. 1912, A.B. South Carolina 1910, *Economics*..... Oklahoma  
 ADAMS, JAMES FOWLER, B.S. Mass. Agri. College 1911, M.S. Pennsylvania 1914, *Botany*..... State College, Pa.  
 ADAMS, MATTHEW PRIOR, A.M. 1913, B.S. Harvard 1904, *Social Economy*..... New York City  
 ADKINS, WALTER SCOTT, B.S. Tennessee, 1910, *Zoology, Paleontology*..... Knoxville, Tenn.  
 ADLER, ALPHONSE ANDREW, B.S. Cooper Union 1905, M.E. Bklyn.  
     Polyt. 1909, Sc.D. N. Y. Univ. 1915, *Physics*..... New York City  
 ADLER, MARCUS H., A.B. C. C. N. Y. 1910, *History*..... New York City  
 ADLERBLUM, CULLEN, A.B. C. C. N. Y. 1912, *Botany*..... New York City  
 AGHNYDES, NICOLAS P., LL.B. Imp. Ottoman Law School 1909,  
     *Economics, History, Sociology*..... Constantinople, Turkey  
 ALBRECHT, ARTHUR E., A.B. C. C. N. Y. 1916, *Economics*..... New York City  
 ALBRIGHT, CHARLES ROGERS, A.B. Colgate 1914, *Sociology*..... Newark, N. J.  
 ALDEN, ALANSON GILBERT, A.B. Dartmouth 1908, A.M. 1911,  
     *German*..... Irvington, N. J.  
 ALEINIKOFF, SOPHIA, A.B. Hunter 1909, *French*..... New York City  
 ALEXANDER, HAZEL LOUISE (n. m.), *History*..... Williamsburg, Mass.  
 ALLEN, CHESTER HARMON, A.B. Lawrence 1912, A.M. Illinois 1914,  
     *Biological Chemistry*..... New York City  
 ALLEN, GERALDINE LENORE, A.B. Northwestern 1915, *Education*.... Laurens, Ia.  
 ALLING, HAROLD LATTIMORE, B.S. Rochester 1915, *Geology*..... Rochester, N. Y.  
 ALLINSON, MAY, A.B. Illinois 1906, A.M. 1907, *Psychology*..... Macon, Ill.  
 ALMY, LLOYD, B.S. Illinois 1909, M.S. George Washington 1915,  
     *Chemistry, Bacteriology*..... New York City  
 ALPER, LEAH (n. m.), *Bacteriology*..... New York City  
 ALTHAUS, AMALIE LOUISE, A.B. 1907, *German*..... New York City  
 ALVORD, RUSSEL OWEN, B.S. Dartmouth 1909, *English*..... Winsted, Conn.  
 AMBEDKAR, BHIMRAO RAMRAO, A.M. 1915, A.B. Bombay (India)  
     1912, *Economics, History, Sociology*..... Bombay, India  
 AMISS, MARGARET, B.S. Wales 1908, *English*..... New York City  
 AMOS, WALDO ADAMS, A.B. 1906, B.D. Episcopal Theo. Sch. 1909,  
     *History*..... Hoboken, N. J.  
 ANDERSON, FRANCIS FERRIS, A.B. Minnesota 1908, *Economics*. Merriam Park, Minn.  
 ANDERSON, JOSEPH COURTNEY, A.B. Wofford 1906, A.M. 1907,  
     *English, Education*..... Walhalla, S. C.  
 ANDERSON, MAJORIE, A.B. Smith 1913, *English*..... Sandusky, O.  
 ANDREWS, DAVID CLYDE, A.B. Michigan 1915, *Sociology*..... Herminie, Pa.

<sup>1</sup> Officers in the University who are at the same time pursuing courses for the higher degrees are not included in this list. Wherever the name of a State is given after a degree, it signifies that the student has graduated from the given State University.

### 370 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- ANTHONY, HAROLD ELMER, B.S. 1915, *Biology*.....New York City
- APPLEBY, ERMA MYRTLE, A.B. Grinnell 1908, *Sociology*.....Independence, Kan.
- ARAKI, SIGERU, A.M. 1915, *Sanskrit, English*.....Fukui, Japan
- ARMSTRONG, JEANETTE, A.B. Hunter 1915, *Politics*.....New York City
- ARONOWITZ, BENJAMIN, *Chemistry, Bacteriology*.....New York City
- ARROWSMITH, MARY NOEL, A.B. Smith 1913, *Social Economy*.....New York City
- ASHLEY, MARGARET, A.B. Smith 1914, *History*.....Toledo, O.
- ATWOOD, INA CLAYTON (n. m.), A.B. Mount Holyoke 1904, A.M.  
Radcliffe 1911, *English*.....New York City
- AU, KEI W., B.Ch.E. Michigan 1914, *Chemistry*.....Canton, China
- AUERBACH, MADELINE HENRIETTE (n. m.), *German*.....New York City
- AULD, WALKER RICHARD, A.B. Dalhousie 1913, *Sociology*.....Freeton, Canada
- AULTMAN, MERWYN LIGHT, A.B. Wesleyan 1909, *English*.....Newark, N. J.
- AUNGST, REUBEN HARPER HARRY, B.S. Pennsylvania 1905, *Chemistry*.....New York City
- AUSTIN, CHARLES BURGESS, A.B. Indiana 1907, A.M. 1908, *Sociology, Economics*.....Austin, Tex.
- AUSTIN, GERTRUDE BISHOP, B.S. Grinnell 1909, *Sociology*.....Austin, Tex.
- AVENT, JOHN McDONOUGH, B.S. 1913, *English*.....New York City
- BABCOCK, HENRY GRINNELL, C.E. 1908, *Philosophy*.....Fanwood, N. J.
- BADER, MAXIMILIAN, A.M. 1915, *German, Education*.....New York City
- BAGG, HALSEY JOSEPH, B.S. 1914, A.M. 1915, *Zoology*.....Yonkers, N. Y.
- BAGIER, VICTORIA CHARLOTTE, A.B. Poitiers (France) 1908, *French*.....New York City
- BAILLY, EMMA AGUSTA, A.B. Oberlin 1910, *English*.....New York City
- BAINTON, EDITH FRANCES, A.B. Hunter 1914, *Mathematics*.....New York City
- BAKER, EDNA TEMPLETON (n. m.), *Bacteriology*.....New York City
- BAKER, LILLIAN ELOISE, A.B. Wellesley 1914, *Chemistry*.....East Orange, N. J.
- BALDWIN, BURTON JOHN, A.B. Wesleyan 1902, A.B. Yale 1903, B.D.  
Union Theo. Sem. 1908, *Sociology, Economics, History*.....New York City
- BALL, CHARLES STURGES, B.D. Yale 1911, S.T.M. Hartford Theo.  
Sem. 1913, *History*.....Lansford, Pa.
- BALL, LOUISE CHARLOTTE, A.B. Hunter 1914, *Bio-Chemistry*.....New York City
- BANCROFT, MARGARET, A.M. 1913, A.B. Wellesley 1913, *History, Latin*.....Wellesley, Mass.
- BANKS, HENRY WARD, A.B. Williams 1913, *Chemistry*.....Sound Beach, Conn.
- BARACKMAN, PAUL FREEMAN, A.B. Allegheny 1914, *History*.....Jersey City, N. J.
- BARBARROSA, CONSUELO SILVINA, A.B. Hunter 1916, *Spanish*.....New York City
- BARBOUR, WILLIAM CLAY, B.S. N. Y. Univ. 1913, *Botany*.....Bloomfield, N. J.
- BARE, CARL BRENTON, A.B. Ohio Wesleyan 1911, *History*.....New York City
- BARLOW, WILLIAM MARVIN, A.B. Yale 1905, *German*.....New York City
- BARNES, HARRY ELMER, A.B. Syracuse 1913, A.M. 1914, *History, Sociology*.....Port Byron, N. Y.
- BARNUM, HARRY HUNTINGTON, A.B. Chicago 1900, A.M. 1909, *Mathematics*.....Constantinople, Turkey
- BARON, JOSEPH, A.B. 1914, A.M. 1915, *English, Comparative Literature*.....New York City
- BARON, LOUIS JOSEPH, A.B. 1914, *Philosophy*.....New York City
- BARR, JESSIE HELEN, A.B. Brown 1913, *English*.....Providence, R. I.
- BATTA, MADELINE ANTOINETTE, A.B. 1916, *Mathematics, Education*.....New York City
- BAUMANN, LeROY EDWARD, A.B. Chicago 1912, *Sociology, Economics*.....Elgin, Ill.
- BAXTER, JESSE HOYT, B.S. 1913, A.M. 1914, *Economics, Sociology, History*.....Murfreesboro, Tenn.
- BEARDSLEY, WILFRED ATWOOD, A.B. Yale 1911, *Romance Philology*.....Waterbury, Conn.
- BEATY, JOHN OWEN, A.B. Virginia 1913, A.M. 1913, *English, Comparative Literature*.....Ruckersville, Va.
- BEAVER, JACOB JULIUS, B.S. Union 1915, *Chemistry*.....Schenectady, N. Y.

- BECKER, CHARLOTTE WILHELMINA, A.B. Hunter 1916, *German* . . . New York City  
 BEECKMAN, FLORENCE LOUISE, A.B. 1904, A.M. 1905, *History, Comparative Literature* . . . New York City  
 BEER, MORRIS ABEL, B.S. C. C. N. Y. 1906, *English* . . . New York City  
 BEIRNE, MARIE, G.B., A.B. Hunter 1915, *Latin* . . . New York City  
 BEISSER, PAUL THEODORE, B.S. Pennsylvania, *Social Economy* . . . Reading, Pa.  
 BELKNAP, ELMIRA FREDERICKA, A.B. 1915, *History* . . . New York City  
 BELL, JAMES CHRISTY, A.B. Princeton 1912, *History, International Law* . . . New York City  
 BEND, BEATRICE, (n. in.), *Philosophy* . . . New York City  
 BENDANN, EFFIE, A.M. 1915, Ph.B. Chicago 1914, *History, Anthropology* . . . New York City  
 BENDER, RAYMOND CASPAR, A.B. 1915, *History* . . . New York City  
 BENEDICT, ISABEL HOPKINS, A.B. Bryn Mawr 1914, *Economics* . . . New York City  
 BENNETT, GERSHON SAMUEL, A.B. Hiram 1913, *Semitics* . . . Melbourne, Australia  
 BENNETT, MILDRED, B.S. 1915, *History* . . . Kingston, N. Y.  
 BENTLEY, CEDRIC CHARLES, A.B. Hobart 1913, *History* . . . Oswego, N. Y.  
 BENTSON, HENRY ARTHUR, A.B. Ottawa 1913, *Psychology* . . . New York City  
 BERMAN, JULIA FLORENCE, A.B. Hunter 1911, *Botany* . . . New York City  
 BERNEY, ARTHUR A., A.B. N. Y. U. 1913, *Economics* . . . New York City  
 BERNHEIM, ALICE O. (n. m.), *History* . . . New York City  
 BERNHEIM, SARA ANNA, A.B. 1915, *Pathology, Bacteriology, Physiology* . . . New York City  
 BERNSTEIN, IRMA LEWYN (n. m.), *History* . . . New York City  
 BERTRAM, MARY ELLEN, A.B. Adelphi 1913, *History* . . . New York City  
 BEYER, MAX WILLIAM, A.B. German-Wallace 1913, *Philosophy* . . . Madison, N. Y.  
 BILKERT, HENRY A., A.B. Hope 1914, *Psychology* . . . New Brunswick, N. J.  
 BILLMAN, A. MELVILLE, A.B. Ursinus 1912, *History* . . . Landisburg, Pa.  
 BIRD, ELSIE EMERY, A.B. Smith 1915, *English* . . . Plainfield, N. J.  
 BIRNBAUM, BENJAMIN HAROLD, A.M. 1914, B. S. C. C. N. Y. 1912, *Semitics, Education* . . . New York City  
 BLACK, ARMANELLA, A.M. 1912, Ph.B. Drake 1910, *Spanish* . . . New York City  
 BLACK, THOMAS EARL, Ph.B. Lycée Henri IV 1913, *French* . . . Greenfield, Ind.  
 BLAKE, ANNA RENA, A.B. Converse 1911, A.M. 1912, *English* . . . Spartanburg, S. C.  
 BLANKENSTEIN, MARGARETE M., B.S. 1912, *Comparative Literature* . . . New York City  
 BLANPIED, CHARLES WESLEY, A.B. Southwestern 1910, A.M. California 1915, *Sociology, Economics* . . . Lyndhurst, N. J.  
 BLOCK, DOROTHEA WILHELMINA, A.B. Hunter 1915, *Mathl. Physics* . . . New York City  
 BLOOM, MORTIMER IRVING, A.B. 1908, B.D. Hebrew Union 1913, *Psychology* . . . Harrisonburg, Va.  
 BLUDINGER, ISRAEL, B.S. C. C. N. Y. 1910, *English* . . . New York City  
 BLUM, VIVIENNE HENRIETTE, A.B. Hunter 1910, *French* . . . New York City  
 BLY, ROBERT STEWART, B.S. John B. Stetson 1915, *Chemistry* . . . De Land, Fla.  
 BODLER, SOPHIA LOUISA, A.M. 1914, Ph.B. Chicago 1906, *German, Comparative Literature* . . . Germania, Pa.  
 BOLGER, JULIA VIRGINIA, A.B. 1915, *History* . . . New York City  
 BOMAN, JOHN SIDNEY, A.B. Missouri 1902, *Mathematics* . . . New York City  
 BONBRIGHT, JAMES A., A.B. Northwestern 1913, *Economics, Sociology, History* . . . New York City  
 BONNLANDER, VINCENT C., A.B. 1908, A.M. N. Y. Univ. 1914, *Philosophy* . . . Atlantic Highlands, N. J.  
 BOOGE, JAMES ELLIOT, A.B. Iowa 1914, *Chemistry* . . . New York City  
 BOOTH, RUSSELL G., A.M. 1915, A.B. Illinois Wesleyan 1914, *History, Philosophy, Education* . . . Bloomington, Ill.  
 BOOTS, RALPH SIMPSON, A.B. Grove City 1910, A.M. 1911, *Politics, Public Law, History* . . . Grove City, Pa.  
 BORDEN, WILLIAM HENRY, A.B. C. C. N. Y. 1912, *Psychology* . . . New York City

## 372 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- BORDERS, KARL, A.B. Transylvania 1913, *Sociology*.....Hodgenville, Ky.  
 BORETZ, MARY ESTHER, A.B. Denver 1912, *Sociology*.....Denver, Colo.  
 BORG, EDITH DULCIE (n. m.), *Economics*.....New York City  
 BOSNIAK, JACOB, B.S. N. Y. Univ. 1914, *Philosophy*.....New York City  
 BOTSFORD, JAY BARRETT, A.B. 1915, *History, Economics*...Mount Vernon, N. Y.  
 BOUGHTON, ALICE CAROLINE, *Economics, Sociology, History*...Philadelphia, Pa.  
 BOWEN, ROBERT HALL, A.B. Colby 1914, *Zoology, Anatomy, Physiology*.....Mount Vernon, N. Y.  
 BOWERS, ANNIE MAY, A.B. Toronto 1910, *History*.....Brantford, Canada  
 BOYD, OLIVE ANDERSON, A.B. Vassar 1903, *French*.....New York City  
 BRADSHAW, MARION JOHN, A.B. Hiram 1911, A.M. 1912, *Philosophy, History, Psychology*.....Hiram, O.  
 BRAYTON, LOUISE, A.M. 1915, *Latin, German*.....Grand Rapids, Mich.  
 BRECHER, MARTHA WASHINGTON, A.B. Hunter 1915, *English*....New York City  
 BREEZE, FREDERICK JOHN, B.S. Purdue 1910, M.S. 1912, *Geology*..New York City  
 BREITING, ROSE LOUISE, A.B. Hunter 1914, *English*.....New York City  
 BRENNAN, JOHN EARL, B.S. Colgate 1914, *Chemistry*.....Helena, N. Y.  
 BRENNECKE, HENRY, A.B. 1914, A.M. 1915, *German*.....New York City  
 BRESSLER, HELEN BARBARA, A.B. Lebanon Valley 1905, *English*..New York City  
 BRETTAUER, MARIANNE (n. m.), *Social Economy*.....New York City  
 BREUER, WILLIAM HOWARD, B.S. C. C. N. Y. 1908, *English*....New York City  
 BRITTAIN, AGNES, A.B. Hunter 1910, *English*.....New York City  
 BROCHES, LOUIS, B.S. Bklyn. Poly. 1914, *Chemistry*.....New York City  
 BROWN, ALBERT MARION, B.Ph. Ohio 1901, LL.B. Washington 1903, A.M. 1905, *Zoology, Botany*.....New York City  
 BROWN, CLAUDE D., B.S. Kansas 1908, *Geology*.....Lawrence, Kan.  
 BROWN, DOROTHY MAY, A.B. Hiram 1914, *English*.....Cleveland, O.  
 BROWN, EARL BIGELOW, A.B. Hiram 1910, M.A. Yale 1912, *English*..Cleveland, O.  
 BROWN, EDMUND, JR., A.B. Amherst 1912, *Politics, Constitutional Law, History*.....Norfolk, Conn.  
 BROWN, ELIZABETH STOWE, M.D. Woman's Med. Coll. 1885, A.B. N. Y. Univ. 1915, *English*.....Montclair, N. J.  
 BROWN, GWENDOLEN, A.B. Adelphi 1904, *History*.....New York City  
 BROWN, IRVING HENRY, A.B. Wisconsin 1911, M.A. 1912, *Romance Languages*.....Madison, Wis.  
 BROWN, JANE BROOKFIELD, A.M. 1914, A.B. Geo. Washington 1910, *English*.....Washington, D. C.  
 BROWN, MAUDE M. MC., A.B. Vassar 1912, *Comparative Literature*..New York City  
 BROWN, ROBERT BERTRAND, M.A. 1915, A.B. Oberlin 1912, *Social Economy, Sociology, History*.....New York City  
 BROWN, SIDNEY BARLOW, A.B. Oberlin 1908, A.M. Yale 1911, *French* Waterbury, Conn.  
 BROWNE, THEODORE CROWNSHIELD, B.S. Harvard 1915, *Social Economy*.....Salem, Mass.  
 BRUNS, FENNERIKERS WOODWORTH, A.B. Iowa 1911, *Philosophy*..New York City  
 BRUNNER, REGINA, A.B. Cornell 1915, *English*.....Mt. Vernon, N. Y.  
 BUCH, VERA WILHELMINA, A.B. Hunter, 1916 *Philosophy*.....New York City  
 BUCHLER, LUCIE E. M., A.B. Michigan 1913, A.M. 1914, *German*..New York City  
 BUCK, ARTHUR EUGENE, B.S. Tennessee 1913, *Politics*.....Jonesboro, Tenn.  
 BUCK, FLORENCE EARLE (n. m.), *English*.....Birmingham, Ala.  
 BUCK, LOUISE B., B.L. Michigan 1896, M.L. 1898, *English, Philosophy*.....New York City  
 BUEHLER, EMMA A., A.B. Wellesley 1907, *Bio-Chem*.....Newark, N. J.  
 BULLARD, MARY WORLY, A.B. Trinity 1914, *History*.....Waxahachie, Tex.  
 BULLINGER, JOHN A. (n. m.), *Semitics*.....New York City  
 BUNZEL, BESSIE, A.B. 1912, A.M. 1914, *History*.....New York City  
 BUNZEL, LUCILLE CAROLINE, A.B. 1914, *History*.....New York City  
 BURCH, HATTIE ETTA, B.S. 1915, *History*.....Roxboro, N. C.

- BURGESS, E. PAYNE JEWETT (n. m.), *Mathematics*.....Newport, R. I.  
 BURK, DON LEMAR, A.B. De Pauw 1914, A.M. 1914, *Comparative Literature, English*.....Decatur, Ind.  
 BURMEISTER, NELLIE CATHERINE, A.B. Iowa Teachers Coll., *History*, Marengo, Ia.  
 BURNHAM, ALINE LETITIA, B.S. 1915, *Comparative Literature*, Grand Rapids Mich.  
 BURNHAM, MABEL TOWNE, B.S. 1910, *English*.....Essex, Mass.  
 BURNS, ETHEL, A.B. Hunter 1914, *English*.....New York City  
 BURRILL, EDGAR WHITE, A.B. Amherst 1906, A.M. 1910, *English, Comparative Literature*.....New York City  
 BURSTEIN, ABRAHAM, A.B. 1913, *English*.....Cleveland, O.  
 BURTT, EDWIN ARTHUR, A.B. Yale 1915, *Philosophy*.....Shiu Hing, China  
 BUSBEE, CHRISTIANA, A.B. North Carolina 1902, A.B. Cornell 1905, A.M. 1908, *Mathematics, German*.....Raleigh, N. C.  
 BUTLER, MARION EDWARDINE, A.M. 1914, A.B. Hunter 1913, *English, Comparative Literature*.....New York City  
 BUXBAUM, ALICE DOROTHY, A.B. Hunter 1915, *Economics*.....New York City  
 BYRNES, AGNES M. H., A.B. Northwestern 1915, *Social Economy*.....Evanston, Ill.  
 CAHILL, MARY FLORENCE, B.S. 1911, *English*.....New York City  
 CALDWELL, CARRIE MARY, A.B. Hunter 1915, *Mathematics*.....New York City  
 CALLAHAN, FRANCIS JOSEPH, A.B. St. John's 1913, *English*.....New York City  
 CALVERT, JULIA DEBERNIERE, A.B. Converse 1915, *Sociology*, Spartanburg, S. C.  
 CAMP, CHARLES LOUIS, A.B. California 1915, *Zoology*.....Sierra Madre, Cal.  
 CAMPBELL, DOROTHY, A.B. Hunter 1915, *Mathematics*.....New York City  
 CAMPBELL, WILLIAM R., A.B. Yale 1914, *Sociology*.....Worcester, Mass.  
 CANNON, MARY ANTOINETTE, A.B. Bryn Mawr 1907, *Sociology*....Deposit, N. Y.  
 CANTWELL, EMMA PRENTISS, B.S. Elmira 1913, *Sociology*.....New York City  
 CARHART, EDMUND HANCE, JR., Ph.B. Lafayette 1914, *Economics*, Belvidere, N. J.  
 CARLEBACH, ROSE EDITH (n. m.), *History*.....New York City  
 CARLISLE, LOUISA BOBS, A.B. Converse 1915, *History*.....Spartanburg, S. C.  
 CAROLY, LYDIA MARCELLA (n. m.), *Romance Languages*.....New York City  
 CARROLL, CHARLES ANTONINUS, A.M. 1911, A.B. Cornell 1910, *English, Comparative Literature*.....New York City  
 CARROLL, DUDLEY DEWITT, A.B. Guilford 1907, A.B. Haverford 1908, *Economics, Sociology, Politics*.....Mizpah, N. C.  
 CARROLL, JOSEPH WILLIAM, A.B. 1913, LL.B. 1915, A.M. 1915, *International Law, Jurisprudence*.....New York City  
 CARSON, NORMA VERE, A.B. Nebraska 1915, *Social Economy*.....Lincoln, Neb.  
 CARTER, LEYTON ELWIN, A.B. Oberlin 1914, *Politics, Public Law, Economics*.....Brecksville, O.  
 CARY, LELAND PINKERTON, A.B. Ohio Wesleyan 1912, *Social Economy*.....Millersburg, O.  
 CASAMAJOR, MARTHA (n. m.), *History*.....New York City  
 CASSEL, THERESE, A.B. 1911, *German*.....New York City  
 CATZEN, BERTRAM HARRY, A.B. 1914, *Public Law, Private Law*... Baltimore, Md.  
 CAUBLE, LAURA A., B.S. 1909, A.M. 1915, *Sociology*.....New York City  
 CAVERNO, DOROTHEA RUTH, A.B. Smith 1897, *English*.....Northampton, Mass.  
 CAVERT, SAMUEL MCCREA, A.M. 1914, A.B. Union 1910, B.D. Union Theo. Sem. 1915 *Philosophy*.....Ballston Spa, N. Y.  
 CERMACK, MAY CECILE, A.M. 1914, A.B. Hunter 1913, *Social Economy*.....New York City  
 CHAFFEE, EDMUND BIGELOW (n. m.), *Economics*.....Ann Arbor, Mich.  
 CHAFFEE, MARY, A.B. California 1915, *Sociology*.....Pasadena, Cal.  
 CHANDLER, WILLIAM HOPKINS, A.B. Yale 1915, *Oriental Languages*, New York City  
 CHANG, CHUANCIU CUHWEI, A.B. Michigan 1914, *Public Law, Politics, Sociology*.....Shaowu, China  
 CHANG, CHAOYUON C., A.B. St. John's, China 1914, *Politics*.....Mingpo, China  
 CHANKIN, VICTOR, A.M. 1914, A.B. C. C. N. Y. 1911, *Romance Literature, Philology, History*.....New York City

### 374 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- CHARD, WALTER GOODMAN, A.B. Harvard 1904, *Agriculture* . . . Cazenovia, N. Y.
- CHASE, CHARLES HARRY, B.S. 1913, *Economics, Sociology, History*. New York City
- CHAVES, MAXIMILIANO, LL.B. Narino (Colombia) 1914, *Economics*. New York City
- CHEN, CHIA HSUN, B.S. 1916, *Politics, Public Law* . . . Changsha, China
- CHENG, IKAM (n. m.), *Metallurgy* . . . Canton, China
- CHESTER, ELDRED AUGUSTUS, A.B. Toronto 1912, *Economic*. Merrickville, Ont. Can.
- CHIEN, CHIA HANG, B.S. National Univ. (China) 1908, E.M. 1913,  
*Metallurgy* . . . Hangchow, China
- CHIU, VERMIER YANTAK, Ph.B. Chicago 1915, *Politics* . . . Hongkong, China
- CHOW, TSE KI (n. m.), *Politics* . . . Peking, China
- CHRISTIE, JEAN OGILVY, A.B. Wellesley 1915, *Philosophy* . . . Tarsus, Turkey
- CHU, CHIN, A.M. 1914, A.B. Wisconsin 1913, *Economics, Sociology,  
Politics* . . . Kaingen, China
- CHU, LOH, A.M. 1915, A.B. Wisconsin 1913, *Mathematics, Education*  
Shanghai, China
- CHU, VEE GIH, A.M. 1914, B.S. Illinois 1913, *Chemistry, Electrical  
Engineering* . . . Shanghai, China
- CLANCEY, HELEN SHINE, A.B. Cincinnati 1904, A.M. 1906, *English*. New York City
- CLARK, ADA RANNEY, B.S. 1907, *Bacteriology* . . . Tenafly, N. J.
- CLARK, DORA MAE, A.B. Mount Holyoke 1915, *History* . . . Brockton, Mass.
- CLARK, FLORENCE R., A.B. Hunter 1907, *History* . . . Yonkers, N. Y.
- CLARK, MARTHA MILLER, A.B. Vassar 1897, *Latin, Greek* . . . New York City
- CLARK, SUSAN GARDNER, A.B. California 1898, *Education, Latin,  
French* . . . Honolulu, Hawaii
- CLARKE, LAURA, A.B. Vassar 1914, *History* . . . New York City
- CLAUSEN, BERNARD CHANCELLOR, A.B. Colgate 1915, *English*. Binghamton, N. Y.
- CLAUSS, MARTHA, B.S. 1907, *Romance Languages* . . . New York City
- CLEAVES, WILBUR MUNRY, LL.B. Texas 1909, A.B. 1915, *Law* . . . Austin, Tex.
- COAD, ORAL SUMNER, A.M. 1911, A.B. Knox 1909, *English, Com-  
parative Literature* . . . Wilcox, Can.
- COATSWORTH, ELIZABETH JANE, A.B. Vassar 1915, *Comparative  
Literature* . . . Buffalo, N. Y.
- COBB, MARGARET CAMERON, A.B. 1915, A.B. North Carolina Normal  
Coll. 1912, *Geology* . . . Portsmouth, Va.
- COCHRAN, MARY BELLE, A.B. Western Maryland 1895, *English,  
Comparative Literature* . . . Alexandria, Va.
- COCKS, EDMUND, A.B. Swarthmore 1903, A.M. 1913, B.B. N. Y. State  
Coll. for Teachers 1904, *Botany, Zoology* . . . Cornwall, N. Y.
- CODDINGTON, EMILY M., A.M. 1898, Ph.D. 1905, A.B. London 1896,  
LL.B. N. Y. Univ. 1913, *Mathematics* . . . New York City
- COFFIN, ISABELLE P., Ph.B. Syracuse 1904, *English* . . . New York City
- COGAN, LUCY GRACE, A.B. 1915, *Psychology* . . . Paterson, N. J.
- COHEN, CONSTANCE PLANT, A.B. Vassar 1910, *English* . . . New York City
- COHEN, HARRY, B.S. C. C. N. Y. 1915, *Semitics* . . . New York City
- COHEN, IRVING L., B.S. C. C. N. Y. 1910, C.E. Bklyn. Poly. 1914,  
*Physics* . . . New York City
- COHEN, JOSEPH LEWIS, A.B. Cambridge (England) 1913, *Economics,  
History, Sociology* . . . Manchester, England
- COHEN, MORRIS, B.S. C. C. N. Y. 1906, *Mathematics* . . . New York City
- COHN, DAISY NEWBORG, (n. m.), *History* . . . New York City
- COHN, MEYER, B.Lit. 1915, A.B. C. C. N. Y. 1914, *English, History*. New York City
- COLBY, ELBRIDGE, A.B. 1912, A.M. 1913, *History, Economics* . . . New York City
- COLD, BERTHA, B.S. 1913, *Economics* . . . New York City
- COLEMAN, KATHERINE ROSAMOND, B.S. 1911, A.M. 1913, *Chemistry,  
Bacteriology* . . . New York City
- COLEMAN, WILLIAM ALFRED, A.B. Ursinus 1913, *History* . . . Elmer, N. J.
- COLONY, ROY JED (n. m.), *Geology* . . . New York City
- COMPTON, MABEL GRACE, A.B. 1904, *English* . . . Glen Ridge, N. J.

- COMSTOCK, ALZADA PECKHAM, A.M. 1913, A.B. Mt. Holyoke 1910,  
*Economics, Philosophy*.....South Hadley, Mass.
- CONKA, FRANCIS, *Chemistry*.....New York City
- CONKLIN, MARY TERESINA (n. m.), *English*.....Amityville, N. Y.
- CONKLIN, WILLIAM DUNN, B.Lit. 1913, A.B. Rochester 1912, *International Law*.....Dansville, N. Y.
- CONLON, MARY ANNA (n. m.), *History*.....New Rochelle, N. Y.
- COOK, GRACE ELIZABETH, A.B. Hunter 1915, *History*.....New York City
- COOPER, LOUIS ALBION, A.B. Harvard 1905, *English*.....Columbus, Ohio
- COORS, D. STANLEY, A.B. Albion 1914, *Philosophy*.....New York City
- CORNELL, ETHEL LETITIA, A.B. Cornell 1914, *Psychology, Neurology, Education*.....New York City
- CORNELL, LOUISE, A.B. Smith 1915, *Social Economy*.....Orange, N. J.
- CORRIGAN, LILLIAN, A.B. Hunter 1915, *Latin*.....New York City
- CORRIGAN, TILLIE, A.B. Hunter 1913, *Mathematics*.....New York City
- COTTON, REARDON STUART, A.B. West Virginia 1904, *German*.....Hoboken, N. J.
- COUNTERMINE, SOPHIA NELLIE, A.B. Mount Holyoke 1912, A.M.  
Radcliffe 1913, *English, Latin, Education*.....Troy, N. Y.
- COURTNEY, BERTHA FLORENCE, A.B. Boston 1894, *Economics*....New York City
- COWGILL, BENJAMIN ROSS, B.S. Ohio Wesleyan 1911, *English, Comparative Literature*.....Delaware, O.
- CRANE, ALBERT LOYAL, A.B. 1913, *Psychology, Anatomy, Physiology*, New York City
- CRANE, ELLA E., B.S. 1909, *History*.....Canandaigua, N. Y.
- CRANE, GEORGE JAMES, A.B. St. John's 1914, *English*.....New York City
- CRAWFORD, SUZANNE HALL (n. m.), *English*.....Columbia, S. C.
- CRAYLE, HARLEY IRWIN, A.M. 1914, A.B. Drake 1913, *Philosophy, Psychology, Education*.....New Cambria, Kan.
- CRESSON, WILLIAM PENN, *Public Law*.....Washington, D. C.
- CRISSEY, GENEVIEVE, B.S. 1914, *English*.....Warwick, N. Y.
- CROCKER, NELLIE JOSEPHINE, B.S. 1907, *German*.....New York City
- CROSS, EPHRAIM, A.M. 1914, A.B. C. C. N. Y. 1913, *Latin, Greek, Sanskrit*.....New York City
- CROSS, MARGARET ELSIE, A.M. 1902, B.S. Central 1888, *History, Sociology, Philosophy*.....New Orleans, La.
- CROWELL, WILLIAM RANSOM, A.M. 1915, B.S. Mass. Inst. Tech.  
1904, *Chemistry*.....Los Angeles, Cal.
- CRUSINS, CARL FREDERICK, A.M. 1915, B.D. Hartford Theo. Sem.  
1909, B.D. Union Theo. Sem. 1914, *History, Philosophy, Ethics*  
South Germantown, Wis.
- CULLEN, GLENN ERNEST, A.B. Michigan 1912, B.Ch.E. 1913, *Chemistry, Physiology*.....New York City
- CUNNEO, FLORENCE GENEVIEVE, A.B. Vassar 1904, A.M. Western  
Reserve 1915, *Sociology*.....Cleveland, Ohio
- CUNNINGHAM, LAURA, A.B. Smith 1915, *English*.....LaCrosse, Wis.
- CUNNINGHAM, SARAH ALEXANDER (n. m.), *Social Economy*.....Savannah, Ga.
- CYRULI, PHILIP, B.S. N. Y. Univ. 1914, *Chemistry*.....New York City
- DADY, FLORENCE (n. m.), *English*.....Rochester, Minn.
- DALTON, FLORENCE, A.B. Hunter 1915, *French*.....New York City
- DANA, EDMUND TROWBRIDGE (n. m.), A.B. Harvard 1909, A.M.  
1910, Ph.D. 1912, *History, Sociology*.....Cambridge, Mass.
- DANHEISER, RUTH VIVIANNE, A.B. Hunter 1913, *English*.....New York City
- DARLINGTON, GILBERT STERLING BANCROFT, A.B. 1912, *Philosophy, English, Psychology*.....Harrisburg, Pa.
- DARROW, ISABELLE CAROLINE, A.B. Middlebury 1911, *Botany*.....Boston, Mass.
- DAVIDSON, ARTHUR WILLIAM, B.S. C. C. N. Y. 1915, *Chemistry*....New York City
- DATTOLO, CANELIO, *English, Italian*.....New York City
- DAVIES, STANLEY POWELL, A.B. Bucknell 1912, *Sociology, Economics*  
Conshohocken, Pa.

# 376 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- DAVIS, AMY ELIZA, A.M. 1911, *Mathematics, Physics*.....New York City  
 DAVIS, PHILIP LIND, A.B. Kansas 1912, *Chemistry*.....Lawrence, Kan.  
 DAWSON, ANDREW IGNATIUS, *Bacteriology*.....New York City  
 DeBRA, ARTHUR HAYWOOD, A.B. Cornell 1911, *Psychology, Philosophy*.....Cameron, Mo.  
 DECKER, BLANCHE, B.A. Wellesley 1910, *Social Economy*.....East Orange, N. J.  
 DeGARMO, MARGARET FRANCES, A.B. Washington 1915, *Economics*.St. Louis, Mo.  
 DeMARIA, ANNA GERMAINE, A.B. Hunter 1912, *French*.....New York City  
 DENENHOLZ, ALEXANDER, A.B. C. C. N. Y. 1904, *English*.....New York City  
 DENNETT, MILDRED, A.B. Mount Holyoke 1909, *Social Economy*..New York City  
 DENSLOW, ROY RICHARD, B.S. C. C. N. Y. 1915, *Chemistry*.....New York City  
 DETELS, MARTIN PAUL, A.B. Santa Clara 1912, LL.B. Leland Stanford 1915, *Public Law*.....San Francisco, Cal.  
 DEVITT, CHRISTOPHER LEO, B.S. Cornell 1910, *Chemistry*....East Orange, N. J.  
 DEWEY, HORACE ELLIOT, A.B. Ohio Wesleyan 1913, *Philosophy*..Madison, N. J.  
 DEWING, EDWARD OGDEN, A.B. Amherst 1908, *Romance Languages*.New York City  
 DE YOUNG, ESTELLE, A.B. 1914, A.M. Pittsburgh 1915, *Psychology, Education*.....New York City  
 DIBBLE, ROY FLOYD, A.B. Clark 1912, *English, Comparative Literature*.....Westfield, N. Y.  
 DICK, HENRY KISSINGER, A.B. Princeton 1909, A.M. Harvard 1910, *English, Comparative Literature*.....Reading, Pa.  
 DICKINSON, FLORENCE G., A.B. Hunter 1916, *English*.....New York City  
 DIENAIDE, FRANCIS RAYMOND, A.B. C. C. N. Y. 1913, *Physiology*Fredericton, Canada  
 DIMMICK, MARY CROSBY (n. m.), *History*.....Scranton, Pa.  
 DODGE, CHARLOTTE PEABODY, A.B. Smith 1906, *History*.....Honolulu, Hawaii  
 DODGE, MARTIN HERBERT, A.B. Oberlin 1915, *Politics, Law, Sociology*.....Mantua, O.  
 DOGGETT, CARITA, A.B. Vassar 1913, *English*.....Jacksonville, Fla.  
 DONOHUGH, AGNES C. L., A.B. 1901, *Anthropology*.....New York City  
 DOODY, MARIE FRANCES, A.B. 1915, *History*.....New York City  
 DOUGHERTY, IRENE S., A.B. Hunter 1911, *Chemistry*.....New York City  
 DOUGINE, GENEVIEVE NAVARRE, A.B. Hunter 1904, B.S. N. Y. Univ. 1914, *English*.....New York City  
 DOUGLAS, JESSE, B.S. C. C. N. Y. 1916, *Mathematics*.....New York City  
 DRACHMAN, JULIAN MOSES, B.S. C. C. N. Y. 1915, *English*.....New York City  
 DRESSNER, ROBERT HENRY, A.B. C. C. N. Y. 1911, *Public Law*...New York City  
 DREWITZ, MARGARET PAULA, A.B. Hunter 1913, *German*.....Yonkers, N. Y.  
 DRUCKER, AARON P. ROBINS, A.B. 1901, A.M. Chicago 1911, *Political Economy, Education, Sociology*.....Denver, Col.  
 DRURY, CHARLES WILLIAM, A.M. 1910, B.S. Queens (Canada) 1909, *Metallurgy, Chemistry*.....Kingston, Canada  
 DUBS, HOMER HASENPFLUG, A.B. Yale 1914, *Philosophy*.....Changsha, China  
 DUNLAP, AMY (n. m.), *History*.....New York City  
 DUNN, TSOONG IUNG, A.B. Wisconsin 1914, *International Law*..Soo-Chow, China  
 DURANT, WILLIAM JAMES, A.B. St. Peter's 1907, A.M. 1908, *Philosophy, Psychology, Zoology*.....New York City  
 DURANT, (MRS.) WILLIAM JAMES (n. m.), *Zoology*.....New York City  
 DURFEE, HENRY GREELY, A.B. Williams 1907, *History*.....New Rochelle, N. Y.  
 DUTCHER, ELLA WOODRUFF, A.B. Adelphi 1914, *Zoology*.....Passaic Park, N. J.  
 DWYER, WALTER WILLIAM, B.S. 1915, *History*.....New York City  
 EASON, JOHN CLIFFORD (n. m.), A.B. Taylor 1914, *Philosophy*, Madison, N. J.  
 EATON, JOSEPH JORDAN, B.S. Harvard 1896, *Education, History*...Atlantic, Mass.  
 EBERSON, FREDERICK, B.S. C. C. N. Y. 1912, M.S. Iowa 1915, *Bacteriology, Chemistry*.....New York City  
 EDDINGFIELD, INA DEANE, A.B. George Washington 1915, *Fine Arts*Washington, D. C.



- EDWARDS, ELIZABETH MARY (n. m.), A.B. Liverpool (England)  
1909, A.M. 1912, *Economics*.....Liverpool, England
- EFFINGER, ROBERT CRAIG, B.S. Virginia 1914, *Economics, History, Sociology*.....New York City
- EHRLICH, JACOB, Chemist 1914, *Chemistry, Bacteriology*.....New York City
- EIDERMANN, WILLIAM MARK, A.B. Manhattan 1915, *Education*...New York City
- ELDER, JANE, A.B. Mount Holyoke 1905, *German*.....Lewistown, Pa.
- ELDRIDGE, SEBA, A.B. 1911, *Philosophy, Education, Economics*...Hartsdale, N. Y.
- ELETZ, ANNA, A.B. Hunter 1912, *Politics*.....New York City
- ELETZ, BERTHA, A.B. Hunter 1912, *Comparative Literature*.....New York City
- ELLENDORF, SOLOMON, A.B. N. Y. Univ. 1915, *Latin*.....New York City
- ELLIS, WILLIAM JOHN, A.B. Hobart 1914, A.M. 1914, *Sociology, Economics, Social Economy*.....Englewood, N. J.
- ELLISON, ESTELLE JAMES, B.S. 1911, A.M. 1913, *Psychology, English*  
New York City
- ELWYN, ADOLPH, B.S. 1915, *Zoology*.....New York City
- ELY, CATHERINE BEACH, A.B. Oberlin 1894, A.M. 1902, *French, German, Italian*.....New York City
- EMERY, LAURA JOHNSON, A.B. Leland Stanford 1900, *Social Economy*  
Los Angeles, Cal.
- EMMONS, MARTHA, A.B. 1912, A.M. 1914, *English, French, Comparative Literature*.....New York City
- ENGLER, MARGUERITE LOUISE, A.B. 1914, *Biology*.....New York City
- ENK, JOHN CLYDE, A.B. Rutgers 1913, *History*.....Butler, N. J.
- EPSTEIN, LOUIS, B.S. N. Y. Univ. 1914, *History*.....New York City
- ERICKSON, JOHN ARUD, A.B. St. Lawrence 1913, *Social Economy*  
St. Albans, N. Y.
- ERNST, FLORENCE CORNELIA, A.B. 1908, *Psychology*.....New York City
- ERSKINE, RHODA, A.B. 1915, *English*.....New York City
- ERWIN, MARGUERITE, A.M. 1908, A.B. Randolph Macon 1907,  
*English, Education*.....Garden City, N. Y.
- ETTARI, FRANCISCO, D.Litt. Royal Univ. (Italy) 1887, *French, Spanish*.....New Rochelle, N. Y.
- EVANS, RUTH DORIS, A.B. 1915, *English*.....New York City
- EWING, BENHAM, A.B. Michigan 1914, A.M. 1914, *Philosophy*...Brooklyn, Mich.
- EYUB, DJEVAD, B.S. 1912, E.M. 1915, *Geology*.....Constantinople, Turkey
- FAILLA, GIOACCHINO, E.E. 1915, *Mathematics, Physics*.....New York City
- FAIR, EUGENE, A.B. Missouri 1904, A.M. 1909, *Public, Law, History*..Kirksville, Mo.
- FAIR, HELEN F., A.B. Washburn 1910, *Sociology*.....Topeka, Kan.
- FANCHER, PAUL ADEE, A.B. Amherst, 1910, *English*.....Glen Cove, N. Y.
- FARRELL, GRACE ELLEN, A.B. 1915, *History*.....New York City
- FARRELL, MARGUERITE MARIE, A.B. Mt. St. Vincent 1915, *English*  
New York City
- FAUST, CHARLOTTE CLEMENTINE, A.M. 1915, A.B. Cornell 1905,  
*German*.....New York City
- FEILEY, VERA ELIZABETH, A.B. 1913, *History*.....New York City
- FELDMAN, HYMAN, A.B. C. C. N. Y. 1915, *Political Science*.....New York City
- FELEKY, ANTOINETTE, B.S. 1913, *Psychology*.....New York City
- FELLOWS, LOUISE GENEVIEVE, A.M. 1915, A.B. Middlebury 1911,  
*German*.....Wells River, Vt.
- FELS, MARIE-LOUISE, A.B. Hunter 1915, *French*.....New York City
- FENILI, RAPHAEL, Ph.B. International Coll. (Italy) 1908, *Italian*..New York City
- FENN, IRWIN HENRY, E.E. Bklyn. Poly. 1908, M.S. 1910, *Mathematics, Physics*.....New York City
- FENN, PERCY THOMAS, A.B. Hobart 1915, *History*.....Wichita, Kansas
- FERGUSON, JOHN MAXWELL, A.M. 1909, LL.B. 1911, A.B. Harvard  
1908, *Economics, History, Sociology*.....New York City
- FERRIS, FRANK HALLIDAY, A.B. Amherst 1914, *History*...Ridgefield Park, N. J.

### 378 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- FIEBIG, ANNA FRANCES, A.B. Hunter 1913, *German*.....New York City
- FINCK, EDGAR MOORE, Litt.B. Princeton 1910, A.M. 1913, *German*  
Arlington, N. J.
- FINE, NATHANIEL M., A.B. 1913, *English*.....New York City
- FINKELSTEIN, LOUIS, A.B. C. C. N. Y. 1915, *Hebrew*.....New York City
- FISCHER, GEORGE WILLIAM, B.S. C. C. N. Y. 1913, *Mathematics*..Freeport, N. Y.
- FISCHER, SIEGFRIED, B.S. 1907, M.S. Lehigh 1915, *Metallurgy, Electrical Engineering*.....New York City
- FISCHER, RUTH, A.B. Smith 1914, *English*.....Cleveland, O.
- FISHWOOD, HALLEY M., B.S. Nebraska 1914, *Highway Engineering*..Lincoln, Neb.
- FISK, DANIEL MOORE, B.S. 1910, A.M. 1915, *History, Economics*..New York City
- FITZPATRICK, FRANCIS STUART, A.B. Trinity 1914, *Politics, Public Law, History*.....Olean, N. Y.
- FITZSIMONS, ISABELLE VIRGINIA, A.B. Hunter 1915, *English*...Weehawken, N. J.
- FLIGELMAN, FRIEDA, A.B. Wisconsin 1910, *Sociology, Anthropology, Social Economy*.....Helena, Mo.
- FLOURNOY, FRANCIS ROSEBRO, A.M. 1912, A.B. Washington & Lee  
1905, *History, Politics*.....Bethesda, Md.
- FLYNN, SYDNEY JOSEPH, N. M. A.B. C. C. N. Y. 1893, *Celtic*.....New York City
- FOLK, IM CHEUNG, B.Ch.E. Michigan 1914, *Chemistry*.....Canton, China
- FOSTER, FINLEY MELVILLE, A.B. N. Y. Univ. 1913, A.M. 1914, *English*.....Rutherford, N. J.
- FOX, DONALD FREDERIC, A.B. Pomona 1914, *Economics*.....Pasadena, Cal.
- FRANKHAM, CHARLES R., A.B. Otterbein 1896, A.M. Ohio 1903,  
LL.B. 1904, *Public Law, Politics*.....New York City
- FRANKLIN, MARJORIE TOME, A.B. 1913, *Economics*.....New York City
- FRARY, MARIE HARRIET, A.M. 1911, *Comparative Literature*...Friendship, N. Y.
- FRAZIER, WILLIAM FISKE, A.B. Oberlin 1910, *History, Economics*...Chester, N. J.
- FREEDMAN, ISAAC, B.S. 1915, *English*.....Washington, D. C.
- FREEMAN, EDWIN GARDNER DUNN, A.B. Toronto 1912, B.D. Knox  
(Canada) 1915, *Philosophy*.....Toronto, Canada
- FREEMAN, MABEL NEWBY, A.B. St. Lawrence 1905, *History*....Morley, N. Y.
- FRENCH, CLAYTON T. A., LL.B. 1910, LL.M. 1913, A.M. 1914, A.B.  
N. Y. Univ. 1907, *Economics, Sociology, History*.....New York City
- FREIRICH, FREDERICK WILLIAM, B.S. Washington 1910, *Chemistry, Physics*.....St. Louis, Mo.
- FREUND, E. MILDRED, A.B. Hunter, 1915, *Psychology*.....New York City
- FRIEDMANN, ERNESTINE LOUISE, A.B. Smith 1907, *History, Economics, Politics*.....New York City
- FRIEDMAN, SARAH ROSILIND, A.B. Hunter 1915, *History*.....New York City
- FRIEDRICH, LENA, A.B. Hunter 1915, *German*.....New York City
- FRISCH, EPHRAIM, A.B. Cincinnati 1903, *Semitics, Sociology*.....New York City
- FROELICH, CLARA LILLIAN, B.S. 1915, *Mathematics*.....New York City
- FULLER, BERT CORNELIUS, A.B. Cornell 1894, LL.B. 1895, *Economics, Politics, History*.....New York City
- FULLER, EVERETT WEBB, A.B. Amherst 1915, *Chemistry, Physics*..New York City
- FULLERTON, GWENDOLINA MARY, A.B. Acadia 1911, A.M. 1912,  
*Latin, Greek, History*.....Port Williams, Nova Scotia, Canada
- FULLERTON, HUGH STUART, A.B. Wittenberg 1914, *English*.....Springfield, Ohio
- FUNKHOUSER, ABRAM PAUL, B.S. Otterbein 1882, A.M. 1897, *Public Law, Politics*.....Harrisonburg, Va.
- FURIA, JOHN JOSEPH, A.B. 1916, *Physics*.....Yonkers, N. Y.
- GABRIEL, JOHN HUBERT, A.B. Iowa 1914, *Sociology*.....Waterloo, Ia.
- GALLAGHER, MARIE KEHOE, A.B. Hunter 1914, *English*.....New York City
- GARNIER, HORATIO KNIGHT, AM. 1908, B.D. Union Theo. Sem. 1910,  
*Philosophy, History*.....New York City
- GARETT, PAUL WILLARD, A.M. 1915, B.S. Whitman 1913, *Politics, Law, Economics*.....New York City

- GARTH, THOMAS RUSSELL, A.M. Denver 1910, *Psychology, Education*  
Union City, Tenn.
- GARWOOD, LYNN EUGENE, A.B. Otterbein 1908, A.M. Wisconsin  
1912, *History, Economics*..... Nutley, N. J.
- GAUTIER, HENRI, B.S. Laval (Canada) 1915, *Highway Engineering*  
Montreal, Canada
- GAVIN, HELEN, A.M. 1913, A.B. Hunter 1909, *Chemistry, Physiology*  
New York City
- GEBHARD, HILDEGARDE BABBITT, A.B. Cincinnati 1909, *Politics*  
New York City
- GEISLER, CARLYLE DRESSLER, A.B. Oregon 1915, *Highway Engineering*..... Portland, Ore.
- GELBIN, OLGA, A.B. Hunter 1913, *French*..... New York City
- GELBTUCH, HENRY BERNHARDT, B.S. Ohio 1913, *Chemistry*..... New York City
- GELBACH, MARIE, A.B. 1906, A.M. 1907, *German*..... Yonkers, N. Y.
- GILBERT, PRENTISS BAILEY, Ph.B. Rochester 1906, A.B. Yale 1907,  
*English*..... Rochester, N. Y.
- GILBERT, RUTH, A.B. Colorado 1907, A.M. 1910, *Bacteriology, Zoology*  
New York City
- GILDNER, LAURA MAY, A.B. Cornell 1906, *Latin*..... Philadelphia, Pa.
- GILLESPIE, JAMES PACKARD, A.B. 1905, A.M. 1909, B.D. Union Theo.  
Sem. 1907, *Sociology, Economics, History*..... New York City
- GILLMAN, ETTA JULITH COHEN, A.B. Western Reserve 1914, *Psychology*..... Cleveland, O.
- GILLMAN, JOSEPH M., A.M. 1915, A.B. Adelphi 1913, *Economics, Philosophy*..... New York City
- GIL, RUIZ ENRIQUE, A.B. 1909, LL.B. National (Argentine), A.M.  
Pennsylvania 1911 (n. m.), *International Law*... La Plata, Argentine Republic
- GIRARD, MABEL HELEN, A.B. Smith 1913, *French*..... Winsted, Conn.
- GITTELSON, WILLIAM, A.B. C. C. N. Y. 1909, *English*..... New York City
- GIVENS, WILLARD EARL, A.M. 1915, A.B. Indiana 1913, *Sociology, Economics*..... Anderson, Ind.
- GLASSBERG, BENJAMIN, A.M. 1914, A.B. C. C. N. Y. 1910, *Politics*, New York City
- GODDARD, GUENN PRISCILLA, A.B. Vassar 1910, *Social Economy*... Topeka, Kan.
- GETZ, HERBERT, B.S. C. C. N. Y. 1908, *German*..... New York City
- GOLD, EMANUEL, A.B. C. C. N. Y. 1906, *Philosophy*..... New York City
- GOLDBERG, JACOB ALTER, A.B. C. C. N. Y. 1913, *Social Economy*, New York City
- GOLDBERG, NELLIE, A.B. Hunter 1912, *Latin*..... New York City
- GOLDBLATT, LAURA, A.B. Hunter 1914, *German*..... New York City
- GOLDIN, MYRON ROSS, A.B. C. C. N. Y. 1912, *History*..... New York City
- GOLDMAN, SARA, A.B. Minnesota 1906, *English*..... St. Paul, Minn.
- GOLDMANN, JULIA, B.S. 1915, *Psychology*..... New York City
- GOLDSMITH, BEATRICE, A.M. 1915, A.B. Adelphi 1906, *Politics*... New York City
- GOLDSMITH, ELSIE HELEN BORG (n. m.) *Psychology*..... New York City
- GOLDSMITH, THEODORA, A.M. 1907, A.B. Adelphi 1901, *Comparative Literature, French*..... New York City
- GOLDSTEIN, HERBERT SAMUEL, A.B. 1911, A.M. 1913, *Semitics, Ethics*  
New York City
- GOLDSTEIN, ISRAEL, A.B. Pennsylvania 1914, *Philosophy*..... New York City
- GOODALE, EMILIE, A.B. Wellesley 1906, *English*..... Rochester, N. Y.
- GOODER, ORVILLE THRASHER, A.B. Southwestern 1914, *Economics*... Athens, Tex.
- GOODENOUGH, EDITH DORA, A.B. Oberlin 1910, *Sociology*... Springfield, S. Dak.
- GOODHART, MAJORIE WALTER, A.B. Bryn Mawr 1912, *History*... New York City
- GOODMAN, NATHAN, B.S. C. C. N. Y. 1911, *Chemistry*..... New York City
- GORDEN, MABEL, A.B. Adelphi 1914, *History*..... New York City
- GORDON, HARRY ZACHART, A.B. N. Y. Univ. 1914, *Philosophy*... Detroit, Mich.
- GORDON, LULA ELIZABETH, A.B. Washington 1911, A.M. 1913, *Social Economy, Sociology, History*..... St. Louis, Mo.

## 380 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- GORDON, PHILIP, A.B. 1915, *German*.....Newark, N. J.  
 GOSNELL, FRANK LEMUEL, A.B. Rochester 1914, *History*.....Rochester, N. Y.  
 GOTT, PHILIP PORTER, A.B. Oberlin 1915, *Politics*.....La Grange, O.  
 GOTTLIEB, LOUIS, A.B. Rochester 1914, *Economics, Politics, Sociology*  
     Rochester, N. Y.  
 GOTTLIEB, SAIDA ELSA, A.B. 1913, *German*.....New York City  
 GOULD, RUSSELL LOWELL, A.B. Wesleyan 1913, *Psychology, Sociology*  
     Bayonne, N. J.  
 GOURVITCH, ALEXANDER CHELMA, Equiv. A.B. Paris 1913, *Eco-*  
     *nomics, Politics*.....New York City  
 GOWEN, JOHN WHITTMORE, B.S. Maine 1914, M.S. 1915, *Zoology,*  
     *Anatomy*.....Arlington, Mass.  
 GRAHAM, FRANK PORTER, A.B. North Carolina 1909, *History*.....Charlotte, S. C.  
 GRANGER, FREDERIC STEARNS, B.S. Princeton 1905, *Chemistry*.....Cincinnati, O.  
 GRANT, CHAPMAN, A.B. Williams 1910, *Zoology*.....San Francisco, Cal.  
 GRAFF, PAUL WEIDEMEYER B.S. Conn. Agr. Coll. 1907, *Botany*  
     Bridgeport, Conn.  
 GREEN, ROY MELVIN B.S. Nebraska, 1914, *Highway Engineering*..McCook, Neb.  
 GREENBERG, IRA CHARLES, B.S. 1915, *History*.....New York City  
 GREENBERG, ISABEL, B.S. 1914, *Chemistry*.....New York City  
 GREENE, THEODORE AINSWORTH, A.B. Amherst 1913, A.M. 1915,  
     *History*.....Middletown, Conn.  
 GREER, LILY, A.B. Vassar 1896, *History*.....San Diego, Cal.  
 GRIER, WILLIAM ALFRED, B.S. Kenyon 1897, *History*.....Steubenville, O.  
 GRIGGS, MARY AMERMAN, A.B. Vassar 1908, *Chemistry, Physics*...New York City  
 GRISCOM, ACTON, A.B. 1913, *Philosophy*.....New York City  
 GROSS, BEATRIX H., A.M. 1913, A.B. Hunter 1911, *Chemistry*...New York City  
 GROSS, BENJAMIN, M.D. Jefferson 1907 (n. m.), *Sociology*.....New York City  
 GROSS, PAUL, B.S. C. C. N. Y. 1916, *Chemistry*.....New York City  
 GROSSBERG, HYMAN MAXWELL, B.S. C. C. N. Y. 1914, *Biology*...New York City  
 GROSSMAN, MAX, A.B. C. C. N. Y. 1916, *Philosophy*.....New York City  
 GROSSMAN, SAMUEL SCHLOMO, A.B. Pennsylvania 1913, *English*..Philadelphia, Pa.  
 GROTE, LILLIE KATHERINE, A.B. Hunter 1910, *History*.....New York City  
 GULICK, LUTHER HALSEY, A.B. Oberlin 1914, A.M. 1915, *Politics,*  
     *Constitutional Law, Economics*.....Oakland, Cal.  
 GROUT, FRANK FITCH, B.S. Minnesota 1904, A.M. 1908, *Geology*  
     Minneapolis, Minn.  
 GUTTENBERG, BERTHA, A.B. Hunter 1912, *English*.....New York City  
 HADLEY, EDITH (n. m.), A.B. Olivet 1907, A.M. Michigan 1911, *Ger-*  
     *man*.....Fenton, Mich.  
 HADLEY, THEODORIA HAMILTON (n. m.), A.B. Vassar 1902, A.M.  
     Chicago 1904, *Russian*.....Indianapolis, Ind.  
 HAESSLER, CLARA LOUISE, A.B. Wisconsin 1912, A.M. 1914, *German,*  
     *English, Philosophy*.....Milwaukee, Wis.  
 HAEBERLIN, HERMAN KARL, Ph.D. 1915, *Anthropology, Psychology*....Akron, O.  
 HAESSLER, LUISE, A.B. Chicago 1906, *Philology*.....New York City  
 HAFAY, EILEEN CECILIA, A.B. Smith 1910, *Mathematics*.....Holyoke, Mass.  
 HAHN, EMMA ADELAIDE, A.B. Hunter 1915, *Latin*.....New York City  
 HAIGH, EMMA M., B.S. 1909, A.M. Pennsylvania 1911, *German*....Ardmore, Pa.  
 HALBERMAN, THORBORG BRUNDIN, A.B. 1908, M.S. California 1913,  
     *Chemistry*.....New York City  
 HALE, DOROTHEA (n. m.), *History*.....New York City  
 HALFPENNY, EDITH, A.B. 1913, *English*.....Lynbrook, N. Y.  
 HALL, LOUISE MAY, A.B. Adelphi 1915, *English*.....New York City  
 HALLOCK, ANNA COBB, A.B. 1912, *Economics*.....New York City  
 HALSEY, FREDERICK BIDDLE, A.B. Pennsylvania 1914, *History*...Philadelphia, Pa.  
 HALSEY, GEORGINA ELIZABETH, A.B. Cornell 1910, *Politics*.....New York City  
 HAND, FRANCES FINCKE, A.B. Bryn Mawr 1898, *History*.....New York City

- HANKIN, HENRY (n. m.), *Philosophy*.....New York City  
 HANNAH, FLORENCE, A.B. Vassar 1903, *Comparative Literature*  
     Poughkeepsie, N. Y.  
 HANSELL, WILLIAM A. JR., B.S. Georgia 1892, *Highway Engineering*..Atlanta, Ga.  
 HANSEN, NIEL E., A.B. Denison 1915, *Sociology*.....Mansfield, O.  
 HARBESON, JOHN WESLEY, A.B. Kansas 1911, *History*.....New York City  
 HARDING, HELEN ELIZABETH, A.B. Radcliffe 1896, *English*.....New York City  
 HARDY, RUTH GILLETTE, A.B. 1909, A.M. 1911, *History, Sociology*  
     New York City  
 HARDY, SARAH D. BELCHER, A.B. Boston 1891, M.D. Woman's Med.  
     1891, A.M. N. Y. Univ. 1899, LL.B. 1901, *Social Economy*...New York City  
 HARMELIN, TONY, A.B. Hunter 1915, *English*.....New York City  
 HARNAR, FRANK EMERY, A.B. Hiram 1914, *Sociology*.....Newton Falls, O.  
 HARRINGTON, HELEN, A.B. Denver 1910, *English*.....Denver, Colo.  
 HARRIS, CLARENCE PEAVY, Chemist 1914, A.M. 1915, *Chemistry*,  
     *Bacteriology*.....New York City  
 HARRISON, IDA MARGARET (n. m.), A.B. Colorado 1909, A.M. 1913,  
     *Romance Language*.....New York City  
 HARROWICH, GRACE FANNIE, A.B. Hunter 1915, *French*.....New York City  
 HARTWELL, FRED WILLIAM, A.M. 1915, B.S. Syracuse 1905, *Biochem-*  
     *istry, Zoology*.....New York City  
 HASKELL, FRANKIE DELPHINE, A.B. Washburn 1915, *English*.....Topeka, Kan.  
 HATCH, GRACE MERCEREAU, A.B. Wellesley 1914, *English*.....Cleveland, O.  
 HAWLEY, CLARENCE OWEN, A.B. 1912, A.M. Drake 1913, *Philosophy*  
     New York City  
 HAWLEY, RUTH FAIRCHILD, A.B. Mount Holyoke 1915, *Latin*  
     Hawleyville, Conn.  
 HAYES, CARY WALKER, A.M. 1912, A.B. Washburn 1909, *Social*  
     *Economy, Economics, Philosophy*.....Cresskill, N. J.  
 HAYNES, CAMPBELL BYRCE, A.M. 1915, A.B. Wofford 1912, *Sociology*,  
     *Economics, Psychology*.....Spartanburg, S. C.  
 HEARN, CORNELIUS, JR., A.B. 1914, *Public Law*.....New York City  
 HEATH, BESSIE, A.B. Leland Stanford 1911, *History*.....Columbus, Miss.  
 HEDGES, RALPH ELLIOT, A.B. Oberlin 1912, *History*.....Lancaster, O.  
 HEGE, FLORA BARBARA, A.B. Emporia 1909, A.M. 1912, *Social*  
     *Economy*.....Emporia, Kan.  
 HEGEMAN, ADELAIDE NIVEN (n. m.), *German*.....New York City  
 HEIMSOETH, JOSEPH W., B.S. N. Y. Univ. 1913, LL.M. 1911, *Social*  
     *Economy*.....New York City  
 HEILBRUNN, JEANETTE R., A.B. Smith 1914, *French*.....New York City  
 HEINZELMANN, PAUL, *German*.....New York City  
 HELLSTROM, CARL IVAS, A.B. Yale 1912, *Philosophy*.....Hartford, Conn.  
 HELFST, SOPHIE CATHERINE, A.B. Adelphi 1916, *Education*.....New York City  
 HENDERSON, HAROLD LAWRENCE, A.B. Oberlin 1913, *Politics*.....Oberlin, O.  
 HENDERSON, HAZEL VANDERZEE, A.B. 1907, *English*.....New York City  
 HENDLEY, CHARLES JAMES, A.B. North Carolina, *History, Education*  
     Paterson, N. J.  
 HENDRIAN, AUGUST WILLIAM, B.S. 1909, *Physiology*.....New York City  
 HENN, ARTHUR WILBUR, A.B. Indiana 1914, A.M. 1915, *Zoology*,  
     *Biological Chemistry*.....Evansville, Ind.  
 HENRICHS, EDNA, A.B. Kansas 1905, *Spanish*.....Humboldt, Kan.  
 HENRY, LILLIAN KATHRYN, A.B. Otterbein 1909, *English*.....Ridgefield, N. J.  
 HENRY, MELLINGER EDWARD, A.B. Brown 1899, *English*.....Ridgefield, N. J.  
 HENRY, MARGARET YOUNG, A.B. Wellesley 1897, A.M. N. Y. Univ.  
     1899, *Latin*.....Jersey City, N. J.  
 HENTEL, ROSE, A.B. Hunter 1914, *English*.....New York City  
 HERITAGE, MARY HILL, A.M. 1915, A.B. Minnesota 1910, *English*,  
     *Comparative Literature, History*.....Hudson, Wis.

## 382 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- HEROLD, AMOS LEE, A.B. Washington & Lee 1909, A.M. 1912, *English, Comparative Literature*.....Huntersville, West Va.
- HEROLD, LEAH, A.B. Tulane 1910, *Social Economy*.....Shreveport, La.
- HERSON, OTTO, B.S. 1915, *History*.....New York City
- HERZFELD, LUCY FELICIA (n. m.), *History*.....New York City
- HESS, MARION NEWMAN, A.B. 1913, *History*.....New York City
- HESS, RUTH JOSEPHINE, A.B. Smith 1911, *History*.....New York City
- HESSLER, MARGARET CONSTANCE, A.B. Millikin 1914, *Chemistry, Household Arts*.....Decatur, Ill.
- HEUERMANN, HELENA F., A.M. 1907, A.B. Adelphi 1902, *German*.....New York City
- HEYMAN, BENEDICT CHARLES, B.S. 1915, *Philosophy*.....New York City
- HIBBS, HENRY HAROLD, A.B. Brown 1910, A.M. 1911, *Sociology, Economics, Social Economy*.....Birmingham, Ala.
- HICKOK, NELLIE WILLARD (n. m.), *Sociology*.....St. Albans, Vt.
- HICKS, GUY TURNER (n. m.), A.B. Asbury 1912, *Economics*.....Porterdale, Ga.
- HIEMENGA, JOHN J., *Philosophy*.....Passaic, N. J.
- HIGGINS, FRANCES CALDWELL, A.B. Shorter 1892, *English*.....Selma, Ala.
- HIGGINS, MARY, B.S. 1912, *English*.....Sturgeon Bay, Wis.
- HILDRETH, MILDRED WHITNEY, A.B. Fargo 1915, *English*.....New York City
- HILL, ANTOINETTE DYETT, A.B. 1910, A.M. 1911, *Mathematics, Education, Physics*.....New York City
- HILL, BURTON SAUFLEY, A.B. Nebraska 1915, *English*.....Lincoln, Neb.
- HILL, HELEN GRANT, B.S. 1913, *Zoology*.....New York City
- HILLS, BERTHA, A.B. Smith, 1915, *Social Economy*.....Burlington, Vt.
- HILLS, JAMES AARON, A.B. Oberlin, 1908, A.M. N. Y. Univ. 1913, B.D. Drew Theo. Sem. 1910, *Psychology, Education*.....Westwood, N. J.
- HINES, ALBERT BARBER, *Sociology*.....New York City
- HIRSCHENSOHN, TAMAR, A.B. Hunter 1913, *French*.....Hoboken, N. J.
- HIRSCHENSOHN, TEHILLA RACHEL, A.B. Hunter 1915, *English*.....Hoboken, N. J.
- HIRSCHENSOHN, BENJAMIN HARRY, E.M. Stevens 1909, *Physics*.....Hoboken, N. J.
- HIRSHLIEFER, LOUIS JUDSON, B.S. 1912, *Chemistry*.....New York City
- HOBBIE, JOHN REMINGTON, Jr., S.B. Harvard 1912, A.M. 1914, *Physics*.....New York City
- HOCHSCHILD, GERTRUDE, A.B. 1915, *History*.....New York City
- HODGE, EDWIN THOMAS, A.B. Minnesota, 1913, A.M. 1914, *Geology*.....New York City
- HODGSON, HUGH LESLIE, B.S. Georgia 1915, *English*.....Athens, Ga.
- HOEY, JENNIE MARGARITA, A.B. Trinity 1914, *Social Economy*.....New York City
- HOGE, ALBERT ARESTA, *English*.....Staunton, Va.
- HOGG, MARION RAYMOND, A.B. Vassar 1910, *English*.....New York City
- HOLCKE, HARRIET AUGUSTA, A.B. St. Lawrence 1905, *German*.....New York City
- HOLZ, SOPHIE, B.S. 1914, *German*.....New York City
- HOLZINGER, JOHN J., A.B. 1915, *German*.....New York City
- HOLZWASSER, FLORRIE, A.B. 1914, *Paleontology*.....New York City
- HOMLET, HARRY, *Economics*.....Canton, China
- HOOPER, MERLE MONTGOMERY, A.M. 1911, A.B. Lebanon Valley 1906, *English, Education*.....New York City
- HOPKINS, EMMA BARKSDALE, B.S. 1907, *History*.....New York City
- HOROWITZ, GEORGE JACOB, A.B. C. C. N. Y. 1915, *Italian*.....New York City
- HORST, MILES, B.S. Pennsylvania 1914, *Economics, Sociology, Psychology*.....Schaefferstown, Pa.
- HORTON, IRENE AUGUSTA, A.B. Hunter 1913, *Political Science*.....New York City
- HORWITT, PAULINE, A.B. Hunter 1915, *French*.....New York City
- HOROWITZ, MAX, C. C. N. Y. 1910, *English*.....New York City
- HORWITZ, ISRAEL, B.S. Cornell 1914, *English*.....New York City
- HOSSFELD, ELEANOR, Ph.B. Iowa 1903, *English*.....Des Moines, Ia.
- HOUGH, HELEN DEXTER, A.B. Goucher 1907, *English*.....Phillipsburg, N. Y.
- HOYT, ELSIE PEEBE, A.B. Swarthmore 1905, *German*.....Clearwater, Fla.

- Hsi, TE CHUN, B.S. Mass. Inst. Tech. 1915, *Metallurgy*.....Shanghai, China  
HUI, SHU, A.B. Cornell 1914, *Philosophy, History*.....Shanghai, China  
HUANG, HUN LIANG, Litt.B. Princeton 1915, *Politics*.....Amoy, China  
HUBBARD, BELA, B.S. 1914, *Geology*.....Woods Hole, Mass.  
HUBBARD, KIETH BALDWIN (n. m.), *Highway Engineering*.....Catskill, N. Y.  
HUBERT, MARIE ROSALIE, A.B. Wesleyan 1901, A.M. 1902, *English*  
New York City  
HUCKABY, MARION COLUMBUS, B.S. Louisiana 1914, *Highway Engineering*.....Baton Rouge, La.  
HUCKER, GEORGE JAMES, B.S. Lenox 1915, *Zoology*.....Hopkinton, Ia.  
HUGHES, MARY FRANCES, *Chemistry*.....Bloomfield, N. J.  
HUGUENIN, CHARLES, A.M. 1914, B.S. Ecole Normale (Switzerland)  
1902, *Romance, English*.....New York City  
HULKERT, WINIFRED ELIZABETH, A.B. Western Reserve 1914, *English*  
Groton, Conn.  
HUMMER, EDNA CAROLYN, A.B. N. Y. State Coll. for Teachers 1911,  
*Latin*.....Ravena, N. Y.  
HUNSDON, ELEANOR CARY, A.B. 1908, A.M. 1911, *History, Latin*.....New York City  
HUNT, CHAS. HENRY, B.S. Washington, 1910, *Chemistry*.....New York City  
HUNT, EMMA REBECCA, B.S. 1914, *French*.....Morristown, Tenn.  
HUNTER, STANLEY ARMSTRONG, A.M. 1914, A.B. Princeton 1910,  
*Sociology, History, Education*.....Riverside, Cal.  
HUTCHINSON, ARCHIBALD ALEXANDER, A.B. Harvard 1914, *History*.....New York City  
HWANG, TZON FAH, LL.B. Michigan 1914, *Public Law*.....Nanking, China  
IKEMOTO, SEIICHI EMERSON, A.B. Park 1912, *Sociology*.....Yamaguchi, Japan  
ILIFF, JOHN GILROY, A.B. Ewing 1903, A.M. California 1914, *History*,  
*Education*.....Berkeley, Cal.  
INOUE, JAMES MASANAGA, B.S. Emory 1915, *Biological Chemistry*  
New York City  
ISAAC, GWYLYM, A.B. Huron 1913, *Philosophy*.....Williamstown, Wales  
ISAY, HERBERT WALDEMAR (n. m.), *Economics, Sociology, History*.....New York City  
ISABEL, ERNESTINE CHARLOTTE, A.B. 1912, *Romance*.....New York City  
ISE, HULDA LOUISE, A.B. Kansas 1910, A.M. 1912, *Comparative Literature, English, Philosophy*.....Lawrence, Kan.  
JACCARD, LYDIA, A.B. Hunter 1914, *French*.....New York City  
JACKSON, JAMES DAVIS, A.B. Howard 1910, A.B. Harvard 1913,  
*Psychology*.....Birmingham, Ala.  
JACOBY, JEANNE H., A.B. 1916, *History, Public Law, Economics*.....New York City  
JAMES, ANNA V., A.B. Hunter 1915, *Botany*.....New York City  
JAMES, GLENN, A.B. Indiana 1905, A.M. 1910, *Mathematics, Philosophy*.....Bloomington, Ind.  
JAMES, VERN, A.B. Indiana 1912, *Mathematics*.....Bloomington, Ind.  
JAQUES, MARGARET PARKES, B.S. Purdue 1915, *Psychology*.....Lafayette, Ind.  
JARETZKI, MAUD, A.B. Smith 1913, *Social Economy*.....New York City  
JASCALEVICH, ALEXANDER, *Psychology*.....Buenos Ayres  
JENKS, LELAND HAMILTON, A.B. Ottawa (Kansas) 1913, A.M. Kansas  
1914, *History, Politics*.....Ottawa, Kan.  
JENNEY, RAY FREEMAN, A.B. Millikin 1915, *Sociology*.....Decatur, Ill.  
JENSEN, ERIK LEONHARD, A.B. 1910, *English*.....New York City  
JESSUP, THEODOSIA DAVENPORT, A.B. Vassar 1915, *Comparative Literature*.....Beyrut, Syria  
JOHANN, NORMA EVA, A.B. Hunter 1914, *Chemistry*.....New York City  
JOHNSON, GLENN RAYMOND, A.B. Reed 1915, *Sociology*.....Portland, Ore.  
JOHNSON, LUELLE, Ph.B. Chicago 1910, *French*.....Princeton, Ind.  
JOHNSON, WALTER EDMONDS, A.B. Princeton 1915, *English*.....Newark, N. J.  
JOHNSTON, MARIE L., A.B. New Rochelle 1910, *English*.....Elmhurst, N. Y.  
JONES, FREDERIC WILLIAM, A.M. 1915, B.S. Va. Poly. 1908, A.B.  
Richmond 1911, *Sociology, Economics, Psychology*.....Gloucester, Va.

### 384 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- JONES, J. CATRON, A.B. Transylvania 1915, *History*.....Barbourville, Ky.  
 JORDAN, ANNA GOUNOD, A.B. 1915, *Education, English*.....New York City  
 JORDAN, CAROL LEE, Ph.B. Chicago 1904, *English*.....Phoenix, S. C.  
 JOYCE, MARY MARGARET, A.M. 1914, A.B. Hunter 1913, *Politics*..New York City  
 JUD, FRIEDOLINA CATHARINA, B.S. 1912, A.M. 1913, *Geology, Mineralogy, Botany*.....Jersey City, N. J.  
 JUDSON, ROXANA LANGELLIER, Ph.B. Chicago 1902, *History*....Montclair, N. J.  
 KADISON, ALEXANDER, A.B. C. C. N. Y. 1915, *Latin*.....New York City  
 KAISER, CLARENCE HEER, A.B. Rochester 1914, *Economics, History, Sociology*.....Rochester, N. Y.  
 KALBERER, MAUD MULLER, B.S. Purdue 1913, *English*.....Lafayette, Ind.  
 KANTSKY, BLANCHE VERONICA, A.B. Hunter 1915, *Latin*.....New York City  
 KAPLAN, JULIUS, A.B. 1914, A.M. 1915, *Philosophy, Economics, History*.....New York City  
 KAPLAN, HYMAN, B.S. C. C. N. Y. 1913, *Sociology*.....New York City  
 KAPLAN, MICHAEL, A.B. 1913, *History*.....New York City  
 KASPER, ALICE, A.B. Hunter 1913, *Psychology*.....New York City  
 KASTANEK, RUDOLPH, A.B. N. Y. Univ. 1913, *History, Education*..New York City  
 KATZ, JACOB, A.B. C. C. N. Y. 1914, *History*.....New York City  
 KEARNEY, CLYTIE HAZEL, A.B. Missouri 1911, B.S. 1912, *English*...Oregon, Mo.  
 KEDDY, JOHN LEWIS, A.B. Hamilton 1915, *Politics*.....Buffalo, N. Y.  
 KEEN, JOHN HAMILTON, A.B. Texas 1906, A.M. 1907, LL.B. 1908, *Philosophy, Psychology, Sociology*.....Austin, Tex.  
 KEISER, SAMUEL JACOB, A.B. Johns Hopkins 1914, *Semitics*.....Baltimore, Md.  
 KEITH, EFFIE ALMIRA (n. m.), A.B. Boston 1902, *History*....Bridgewater, Mass.  
 KEITH, MARY CATHERINE, B.S. 1915, *English*.....Norwalk, Conn.  
 KELLY, EDYTHE GRACE, B.S. 1914, A.M. 1915, *Romance Philology, Comparative Literature, English*.....New York City  
 KELLY, JOHN ALEXANDER, A.B. Emory & Henry 1911, *German*...Lynchburg, Va.  
 KELLY, THOMAS PATRICK, A.M. 1915, A.B. C. C. N. Y. 1912, *Education*.....New York City  
 KEMP, PHILIP KITTREDGE, A.B. 1915, *History*.....New York City  
 KEMP, WILLIAM CULLEN BRYANT, *International Law*.....New York City  
 KENNEDY, MARY BUCKLEY, B.S. 1914, A.B. Adelphi 1914, *Politics*.....Hoboken, N. J.  
 KENNEY, IVAH LOUISE, A.B. Mount Holyoke 1901, *German*.....Milford, N. H.  
 KENYON, ADRIENNE, A.B. Bryn Mawr 1915 (n. m.), *History*.....New York City  
 KERBY, SISTER MARGARET, A.B. Chicago 1912, *Latin*.....St. Paul, Minn.  
 KESTER, ISADORE STUART, A.B. Leland Stanford 1904, *Mathematics*. New York City  
 KETCHAM, CHARLES BURGESS, A.B. Ohio Wesleyan 1913, *Philosophy*..Milford, O.  
 KETELS, LUTHER HENRY, A.B. 1912, A.M. 1914, B.D. Drew Theo. Sem. 1912, *Sociology, Economics, History*.....Newark, N. J.  
 KEY, CORA BEALE, A.B. Goucher 1911, B.Ped. New Mexico Normal 1912, *Psychology, Philosophy, English*.....Leonardtown, Md.  
 KHARAJIAN, HAGOP, *Geology*.....Aintab, Turkey  
 KIEFFER, GEORGE LINN, A.M. 1915, A.B. Pennsylvania 1909, B.D. Union Theo. Sem. 1914, *History*.....Millersburg, Pa.  
 KILPATRICK, MARTIN, JR., A.B. C. C. N. Y. 1915, *Chemistry*.....New York City  
 KIMBALL, DUDLEY BALDWIN, A.B. Hamilton 1915, *English*.....Boonton, N. J.  
 KING, ROBERT McCORKLE, A.B. 1913, *Highway Engineering*.....New York City  
 KINNEY, JOHN ALPIN, A.B. 1915, LL.B. Buffalo Law 1903, *International Law*.....New York City  
 KIRKBRIDE, WANDA MARGUERITE, B.S. Ohio Wesleyan 1915, *Botany*.....New Matamoras, O.  
 KIRKPATRICK, BERTHA JEAN, B.S. Pittsburgh 1914, *Mathematics*..Pittsburgh, Pa.  
 KIRKPATRICK, CARL WHITTIER, A.B. Iowa 1911, *Psychology*.....Waterloo, Ia.  
 KLASKY, LENA HARRIET, A.B. Hunter 1907, *German*.....New York City  
 KLEIN, HARRIET, A.B. Hunter 1911, *German*.....New York City



- KLEIN, LEOPOLD, A.B. 1910, *German*.....New York City  
 KLEIN, MARGARET ANNE (n. m.), *English*.....New York City  
 KLEIN, PHILIP, A.B. C. C. N. Y. 1911, *Social Economy, Philosophy, History*.....New York City  
 KLEINER, MATHILDE, *German*.....New York City  
 KNAP, MARY GRACE, A.B. Wellesley 1915, *Philosophy*.....Pittsburgh, Pa.  
 KNAPP, CHARLES MERRIAM, A.B. 1914, A.M. 1915, *History, Politics, French*.....New York City  
 KNAPP, CORA LOUISE, Ph.B. Syracuse 1905, *Sociology*.....Binghamton, N. Y.  
 KNAPP, ERNEST, B.S. C. C. N. Y. 1915, *Zoology*.....New York City  
 KNEALE, ROBERT DAVIS, B.S. Purdue 1906, C.E. 1908, *Highway Engineering*.....Atlanta, Ga.  
 KNEELAND, NATILIE, A.B. Vassar 1915, *Psychology*.....New York City  
 KNIGHT, SAMUEL HOWELL, A.B. Wyoming 1913, *Geology, Zoology*..Laramie, Wyo.  
 KNOBLAUCH, LOUISE, A.B. Minnesota 1907, *German*.....Minneapolis, Minn.  
 KOENIG, MILDRED, A.B. Hunter 1915, *German*.....New York City  
 KRAELING, EMIL GOTTLIEB HEINRICH, B.S. N.Y.Univ. 1915, *Semitics, Anthropology*.....New York City  
 KRAMER, SIDNEY DAVID, B.S. C. C. N. Y. 1914, *Biological Chemistry*.....New York City  
 KRAVITZ, AARON S., *Economics, Sociology, Politics*.....New York City  
 KRINOWSKY, DANIEL G., B.S. C. C. N. Y. 1916, *English*.....New York City  
 KROLFIFER, MABEL DOWNES, A.B. Hunter 1903, *History*.....New York City  
 KRUTCH, JOSEPH WOOD, A.B. Tennessee 1915, *English, Comparative Literature*.....Knoxville, Tenn.  
 KUANG, YING-CHIEH, A.M. 1913, *Geology, Mining, Metallurgy*...Canton, China  
 KUDO, ROKUSABURO (n. m.) *Zoology*.....Tokyo, Japan  
 KUMMERLE, KATHRINE EMILIE, A.B. Hunter 1914, *German*.....New York City  
 KUPFER, ELSIE M. (n. m.), A.B. 1899, A.M. 1901, Ph.D. 1907, *Botany*.....New York City  
 KUPFER, WALTER SCOTT, B.S. 1913, A.M. 1914, *Indo-Iranian, Sociology*.....Leonia, N. J.  
 KURZ, MICHAEL, A.B. C. C. N. Y. 1912, A.M. N.Y.Univ. 1915, *English, French*.....New York City  
 KUSH, ELVIRA THEKLA, A.M. 1914, A.B. Vassar 1913, *Psychology*..New York City  
 KWONG, HSU KUN, B.Litt. Princeton 1914, *International Law*...Shanghai, China  
 LAMBERT, PAULA, A.B. 1912, *Social Economy*.....New York City  
 LAMPRECHT, STERLING POWER, A.B. Williams 1911, A.M. Harvard 1912, B.D. Union Theo. Sem. 1915, *Philosophy, Ethics, Psychology*.....Cleveland, O.  
 LANDSMAN, MORRIS J., B.S. C. C. N. Y. 1910, *Economics*.....New York City  
 LANE, EVA ELDA, A.B. Minnesota 1912, *Sociology*.....Minneapolis, Minn.  
 LANG, FRANKLIN RUNYON, LL.B. Detroit 1904, *Politics, Public Law*.....Washington, D. C.  
 LANGDON, MARIE GERALDINE (n. m.), M.D. Woman's Med. Coll. Phila. 1905, *Psychology*.....Englewood, N. J.  
 LARSON, CARL WILLIAM, B.S. Iowa 1906, M.S. Pennsylvania 1913, *Agriculture, Economics*.....State College, Pa.  
 LASKER, LOULA DAVIS, A.B. Vassar 1909, *Social Economy*.....Galveston, Tex.  
 LATANE, BERTHA ALLEN, A.B. Louisiana 1912, A.M. 1915, *History*.....Woodville, Miss.  
 LATHAM, MARCIA LOUISE, A.M. 1908, A.B. North Carolina 1900, *Mathematics, Geology*.....New York City  
 LATIMER, MAJORIE RUTH, A.B. Mount Holyoke 1915, *Social Economy*.....Springfield, Mass.  
 LAU, WAI MAN (n. m.), B.C.S. N. Y. Univ. 1915, *Economics*.....Canton, China  
 LAWLER, LORETTO ROSE, A.B. Trinity 1915, *English*.....Pittsburgh, Pa.  
 LAWRENCE, G. WALTER, A.B. Emporia 1911, *History*.....Topeka, Kan.

### 386 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- LAWTON, MAXWELL FRANCIS, A.B. 1904, A.M. 1913, *History, Latin* New York City  
 LAX, HERMAN, A.B. C. C. N. Y. 1913, *French*.....New York City  
 LAYMAN, PAULINE A., A.B. Henry Kendall 1915, *English*.....Tulsa, Okla.  
 LEARY, FRED PURCELL, A.B. N. Y. Univ. 1909, *History*.....Paterson, N. J.  
 LEAVITT, HAROLD WALTER, B.S. Maine 1915, *Highway Engineering*  
 Monmouth, Me.  
 LeCOCQ, MARIE LOUISE, A.B. Mount Holyoke 1911, *Economics*,  
*International Law, Sociology*.....Montclair, N. J.  
 LEE, CHARLES Y. (n. m.), *Politics Public Law*.....Sin Yang Chow, China  
 LEE, KING, A.B. Yale 1913, *Philosophy*.....New York City  
 LEEMING, EDITH MARY, A.B. New Rochelle 1913, *English*.....New York City  
 LE FEVRE, DU BOIS, A.B. Rutgers 1914, *Philosophy*.....New Paltz, N. Y.  
 LEFFINGWELL, GEORGIA WILLIAM, A.B. Vassar 1913, A.M. 1915, *His-*  
 LEIPER, HENRY SMITH, A.B. Amherst 1913, *Philosophy*.....New York City  
*tory, Latin*.....Hartford, Conn.  
 LELAND, FRANK KIMBALL, A.B. Johns Hopkins 1914, *English*.....New York City  
 LEMKAU, JOHN HENRY, A.B. Iowa Wesleyan 1901, *Sociology*.....New York City  
 LEMON, WILLIAM PHILIP, A.B. Huron 1912, A.M. Princeton 1914,  
 B.D. Union Theo. Sem. 1915, *Philosophy*.....Newark, N. J.  
 LENA, FRED THOMAS, A.M. 1915, A.B. Dartmouth 1907, *Economics*,  
*Sociology, History*.....Lawrence, Mass.  
 LENNEY, JOHN JOSEPH, A.B. George Washington 1913, A.M. 1913,  
 LL.B. Georgetown 1914, *Politics, Constitutional Law, History*.....Norfolk, Va.  
 LESHER, ROBERT ALLEN, B.S. Mass. Institute Technology 1914,  
*Economics, Politics, Sociology*.....Easton, Pa.  
 LESKER, THERESA, A.B. Vassar 1915, *Zoology*.....Rye, N. Y.  
 LESLIE, ELIZABETH, A.B. Kansas 1903, *History*.....Los Angeles, Cal.  
 LESSING, EDNA, A.B. Hunter 1915, *English*.....New York City  
 LEVINE, SIDONIA, A.B. Hunter 1913, *English*.....New York City  
 LEVY, EDITH LILIAN, A.B. 1916, *English*.....New York City  
 LEVY, HARRY ARTHUR, A.B. Bklyn. Poly. 1908, *Chemistry*.....New York City  
 LEWIN, WILLIAM, A.B. N. Y. Univ. 1911, *English*.....Newark, N. J.  
 LEWIS, DOROTHY RUTH, A.B. Mount Holyoke 1915, *English*.....New York City  
 LEWIS, EFFIE LOUISE, B.S. 1915, *English*.....New York City  
 LEWIS, MAMIE REBECCA, A.B. Salem 1896, A.M. Georgia 1915,  
*English*.....New York City  
 LEWIS, NORA, A.B. Toronto 1908, *History*.....Toronto, Canada  
 LEWIS, READ, LL.B. 1914, A.B. Wisconsin 1909, *History*.....New York City  
 LIANG, CHI TAI, A.B. Wisconsin 1914, *Political Science*.....Canton, China  
 LICHT, ISADORE J., B.S. 1915, *English*.....New York City  
 LIEB, MICHAEL, A.B. C. C. N. Y. 1915, *Romance Languages*.....New York City  
 LIEBERMAN, MAX, A.B. C. C. N. Y. 1913, *French*.....New York City  
 LIEBMANN, ALFRED (n. m.), C.E. 1893, *History*.....New York City  
 LIEBMANN, ALMA WALLACH, A.B. 1901, *History*.....New York City  
 LIEFENTHAL, EDNA HOFFMAN (n. m.), *History*.....New York City  
 LINDHEIM, IRMA L. (n. m.), *History*.....New York City  
 LINDHOLM, POUL, B.S. Royal Polytechnic Academy (Denmark) 1905,  
*Highway Engineering*.....Copenhagen, Denmark  
 LINDSAY, JEAN STIRLING, A.B. Hunter 1912, *English*.....New York City  
 LINGG, SOPHIE CLAIRE, A.B. 1913, *German*.....New York City  
 LIPE, MARY VICTORIA, A.B. 1907, A.M. 1913, *Economics, Politics*,  
*Social Economy*.....Nashville, Tenn.  
 LISK, HENRIETTA, B.S. Florida 1907, M.S. 1909, *Botany*.....Fort McCay, Fla.  
 LISSAUER, HERMAN, A.B. C. C. N. Y. 1913, *Philosophy*.....Yonkers, N. Y.  
 LITTLE, ERNEST, B.S. Rochester 1911, M.S. 1913, *Chemistry*.....New York City  
 LOBECK, ARMIN KOHL, A.B. 1911, A.M. 1913, *Physiography*.....Haworth, N. J.  
 LOCKEY, JOSEPH BYRNE, A.M. 1909, B.S. Peabody 1902, *Public Law*,  
*History*.....Chipley, Fla.

- LOCKHART, LIZZIE MARION, A.B. Vassar 1896, *History* . . . . . Scarsdale, N. Y.
- LOCKWOOD, HELEN DRUSILLA, A.M. 1913, A.B. Vassar 1912, *Comparative Literature, History* . . . . . Rochester, N. Y.
- LOGAN, CAROLINE ELIZABETH, A.B. Wilson 1906, *History, Education* . . . York, Pa.
- LONG, GERALDINE MICH, A.B. State Normal Col. 1912, *History* . . . . . East Orange, N. J.
- LONG, SHIRLEY VIRGINIA, Florida Coll. for Women A.B. 1907, A.M. 1908, *English, Comparative Literature* . . . . . Memphis, Tenn.
- LORSCH, ETTA COHEN, A.B. Hunter 1896, *History* . . . . . New York City
- LOTH, SARA EDNA, A.B. Smith 1914, *French* . . . . . New York City
- LOVETT, AUGUSTUS SIDNEY, JR., A.B. Yale 1913, *Economics* . . . . . New York City
- LOW, FLETCHER, B.S. Dartmouth 1915, *Chemistry* . . . . . South Essex, Mass.
- LOWENSTEIN, GABRIEL A., B.S. 1913, A.M. 1914, *Biological Chemistry* . . . . . New York City
- LOWNSBERRY, ELLA LOUISE, A.B. Wellesley 1911, *Sociology* . . . . . Los Angeles, Cal.
- LOWERY, LAWRENCE TYNDALE, B.S. Mississippi 1909, A.M. 1913, *History, Economics* . . . . . Blue Mountain, Miss.
- LOYHED, LOIS DOROTHY, A.B. Minnesota 1912, *English* . . . . . Farebault, Minn.
- LUKEN, OTTO H., A.M. N. Y. Univ. 1915, *Political Economy, Politics, Sociology* . . . . . New York City
- LUSTGARTEN, AUGUSTA, A.B. 1911, *French* . . . . . New York City
- LUTZ, CAROLINE STOOKEY, A.B. Goucher 1911, *English* . . . . . Decatur, Ill.
- LYLE, BERNICE WILLARD, A.B. Randolph-Macon 1914, *Zoology* . . . Bartow, Fla.
- MCALLISTER, CHARLES ELDREDGE, A.B. St. Stephens 1914, *Sociology* . . . . . Washington, D. C.
- LYON, JOHN HENRY HOBART, A.B. 1897, A.M. 1898, *English, Comparative Literature* . . . . . Millburn N. J.
- MCBRIDE, ANNA CHRISTINE, B.S. Missouri 1912, *Sociology, Economics, History* . . . . . Webb City, Mo.
- MCBRIDE, BERTRAM MALCOLM, A.B. Wesleyan 1911, *Chemistry* . . . . . Jersey City, N. J.
- MCCABE, CATHERINE ESTELLE, A.B. Hunter 1915, *English* . . . . . New York City
- MCCARTHY, MAY ISABEL, A.B. Hunter 1912, *English* . . . . . New York City
- MCCAW, GENEVRA LEE, A.B. Colorado 1910, *English* . . . . . Washington, Ia.
- MCCLEES, HELEN, A.B. Ohio 1910, *Latin, Greek, Archaeology* . . . . . New York City
- MCCLURE, HELEN BROWN, B.S. Bucknell 1911, *English* . . . . . New York City
- MCComb, DANA QUICK, B.S. Colo. Agr. Coll. 1900, B.S. Illinois 1910, *Geology* . . . . . Oregon City, Ore.
- MCCONOUGHAY, ARTHA MAY, Ph.B. Chicago 1913, *Social Economy* . . . Chicago, Ill.
- McCORMACK, JOSEPH PATRICK, A.M. 1909, A.B. Middlebury 1907, *Mathematics, Education* . . . . . Bethel, Vt.
- McCORMICK, THOMAS HOLMES, A.B. Hiram 1902, *Mathematics* . . . New York City
- McCoy, WILLIAM DANIEL, C.E. Bklyn. Poly. 1914, *Highway Engineering* . . . . . New York City
- MC CREERY, ELSPETH MCINTOSH, A.B. Cornell 1904, *English* . . . . . Englewood, N. J.
- MCCULLOUGH, FRANK HYATT, B.S. Queen's 1912, *Highway Engineering* . . . . . Toronto, Canada
- MCCURDY, EVELYN LOUISE, A.B. Pittsburgh 1915, *Latin* . . . . . Pittsburgh, Pa.
- MCCURRY, DANIEL ERNEST, A.M. 1914, A.B. Montana Valley 1909, *Sociology* . . . . . New York City
- McDERMONT, EARL ALEXANDER, A.B. Occidental 1915, *Economics* . . . . . Long Beach, Cal.
- McDERMOTT, SISTER EVA, A.B. St. Catherine 1915, *French* . . . . . St. Paul, Minn.
- MC EWAN, EULA DAVIS, A.B. Indiana 1913, A.M. 1914, *Geology, Physiography* . . . . . New York City
- McFARLAND, NANNIE WITHERSPOON, A.B. Cornell 1912, *Latin* . . . . . Staunton, Va.
- MCGARRY, MARY LYDIA, A.B. Toronto 1904, *History* . . . . . New York City
- MCGIFFERT, ARTHUR CUSHMAN, JR., A.B. Harvard 1913, *Philosophy* . . . . . New York City

### 388 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- McGOVERN, GRACE PANCRATIA, A.B. Denver 1912, *English*. . . . . Denver, Colo.
- McGRATH, JULE G., A.B. Hunter 1911, *Geology*. . . . . New York City
- McGRATH, MARGUERITE MARY, A.B. St. Elizabeth 1913, *English*. . . . . New York City
- McINTIRE, RUBY CLARKE, B.S. N. Y. Univ. 1911, A.M. 1913, *English*. . . . . New York City
- McINTOSH, MARTHA FRASER, A.B. New Brunswick (Canada) 1896, A.M. 1900, *English, Philosophy, Comparative Literature*. . . . . Fredericton, Canada
- McKEE, HARRIET EMMA, A.M. 1915, A.B. Vassar 1914, *Latin, Greek, Archaeology*. . . . . Painesville, O.
- McKEE, HUGH, Ph.B. Dickinson 1909, *English, Comparative Literature*. . . . . Hagerstown, Md.
- McLAUGHLIN, ISABEL CECILEA, A.B. Hunter 1915, *Mathematics*. . . . . New York City
- McLAUGHLIN, LUCY AGNES, A.B. Hunter 1914, *Mathematics*. . . . . New York City
- MacCAULLEY, ELIZABETH, A.B. Wellesley 1901, *Italian*. . . . . Wilmington, Del.
- MacDONALD, JOSEPH CARY, A.B. Bowdoin 1915, *History*. . . . . Bangor, Me.
- MacDONALD, WILSON, A.B. Amherst 1915, *Philosophy*. . . . . Westfield, N. Y.
- MACKAY, DONALD SAGE, JR., A.B. Williams 1914, *Philosophy*. . . . . New York City
- MACKINNON, MURDOCH CHARLES, A.B. Dalhousie (Canada) 1915, *Sociology*. . . . . Canoe Cove, P. E. I., Canada
- MACKLIN, EGBERT CHALMER, A.M. 1915, A.B. Indiana 1911, B.D. Union Theo. Sem. 1914, *History, Education*. . . . . Bryant, Ind.
- MACLEOD, WILFRIED JOHN, A.B. Dalhousie (Canada) 1912, *Sociology*. . . . . New Glasgow, P. E. I., Canada
- MACNAIR, HARLEY FARNSWORTH, Ph.B. Redlands 1912, *History*. . . . . Shanghai, China
- MCRoy, JOHN T., *Economics*. . . . . Bennington, Vt.
- MACRURY, ANGUS GORDON, A.B. Washington & Jefferson 1909, B.D. Union Theo. Sem. 1914, *Sociology*. . . . . Elizabeth, N. J.
- MACRURY, JOHN ALLISON, A.B. Washington & Jefferson 1909, B.D. Union Theo. Sem. 1914, *Sociology*. . . . . Woodhaven, N. Y.
- MADDOX, AUGUSTUS CARLYLE, A.B. Hendrix 1910, *Mathematics*. . . . . Huntington, Ark.
- MAHON, ELWOOD JOHN, A.B. 1916, *Mathematics*. . . . . New York City
- MALZBERG, BENJAMIN, B.S. C. C. N. Y. 1915, *Social Economy*. . . . . New York City
- MANDEL, BERTHA ELIZABETH, A.M. 1913, A.B. Hunter 1912, *Comparative Literature, English, German*. . . . . New York City
- MANDL, MAX MACBETH, B.S. 1915, *Education*. . . . . Phoenix, Ariz.
- MANGIACAPRA, AGOSTINO, LL.B. Naples (Italy) 1909, *Romance, Philology*. . . . . Piedmont, Italy
- MANKIEWICZ, FRANK, A.M. 1915, *German*. . . . . Berlin, Germany
- MANN, MARY LEE, B.S. 1914, *Botany*. . . . . New York City
- MANNING, CLARENCE AGUSTUS (n. m.), A.B. 1912, A.M. 1913, Ph.D. 1915, *Russian*. . . . . New York City
- MANNING, FLORENCE MARY (n. m.), *Sociology*. . . . . New York City
- MANTERO, CARLOS BELARD (n. m.), *Economics*. . . . . New York City
- MANTZ, HAROLD ELMER, A.B. Michigan 1910, *Romance, Comparative Literature*. . . . . New York City
- MAPES, FLORENCE ADELLE, A.B. Northwestern 1911, *English*. . . . . Duncombe, Ia.
- MARCK, SOPHIA E., A.B. Hunter 1915, *German*. . . . . New York City
- MARCK, EDWARD LOUIS, B.S. Agricultural Mechanical Coll. 1907, *Highway Engineering*. . . . . Brenham, Texas
- MARGOLD, CHARLES WILLIAM, A.B. 1915, *Social Economy*. . . . . New York City
- MARIANO, JOHN HORACE, A.B. 1916, *Sociology*. . . . . New York City
- MARKEY, FRANCES LORETTA, A.B. Hunter 1913, *History*. . . . . New York City
- MARKOWITZ, BERTHA, A.B. Hunter 1915, *History*. . . . . New York City
- MARSH, MARION PENELOPE (n. m.), *Bacteriology*. . . . . New York City
- MARSH, MAY BAKER, A.B. Michigan 1908, A.M. 1910, *Sociology, Economics*. . . . . New York City
- MARSHALL, MADELINE ALICE, A.B. Wellesley 1911, *English, Philosophy*. . . . . Denver, Colo.

- MARTIN, AMY LAWRENCE, A.B. Bryn Mawr 1915, *Economics*..... Chicago, Ill.
- MARTY, SARA MASTIN, A.B. Mount Holyoke 1906, *History*..... Chicago, Ill.
- MARX, OLGA, A.B. 1915, *English*..... New York City
- MASLEN, EDYTHE WINFRED, A.B. Wellesley 1912, *Mathematics*.... New York City
- MASON, ELEANOR, A.B. Wellesley 1915, *English*..... Syracuse, N. Y.
- MASTICK, SEABURY C., A.B. Oberlin 1891, A.M. 1894, LL.B. California 1894, *Chemistry*..... Pleasantville, N. Y.
- MASURY, ALFRED FELLOWS, M.E. Brown 1904, *Highway Engineering*..... New York City
- MAXWELL, LLOYD WILLIAM, A.B. Oklahoma 1912, *Economics*..... Sparks, Okla.
- MAY, MARK ARTHUR, A.M. 1914, A.B. Maryville 1911, *Psychology, Education*..... Telford, Tenn.
- MAYER, CLARA W., A.B. 1915, *Philosophy*..... New York City
- MAYNARD, JOHN ALBERT, B.S. Paris 1901, Ph.B. 1907, B.D. 1909, (France), A.M. Chicago 1914, *Oriental Languages*..... Chicago, Ill.
- MEAD, GILBERT WILCOX, A.B. Allegheny 1911, *English*..... Charleroi, Pa.
- MEHLER, ELSA S., A.B. 1912, *History*..... Jersey City, N. J.
- MEIER, HENRY FREDERICK AUGUST, A.B. Indiana 1912, A.M. 1913, *Botany, Bacteriology, Chemistry*..... Syracuse, N. Y.
- MEISTER, MORRIS, B.S. C. C. N. Y. 1916, *Physics*..... New York City
- MELROSE, ANDREW RAE (n. m.), A.B. Lenox 1915 *History*..... Marcus, Ia.
- MERRIAM, MARGARET REID, A.B. Mount Holyoke 1915, *Economics* Newburyport, Mass.
- MERRILL, GEORGE ABBOT, A.M. 1914, A.B. Colgate 1910, *History, Politics*..... Rahway, N. J.
- MESICK, JANE LOUISE, A.M. 1913, A.B. Mount Holyoke 1909, *English, Comparative Literature*..... Hudson, N. Y.
- MESSINGER, RUTH ELLIS, A.B. Hunter 1905, A.M. Illinois 1911, *History, Economics, Sociology*..... New York City
- MEYER, ANNA, A.M. 1912, A.B. Hunter 1909, *English, Education*.. New York City
- MEYER, BERNARD, A.B. C. C. N. Y. 1913, *Economics*..... New York City
- MEYERS, MARJORIE BARNES, A.B. Elmira 1902, *German*..... New York City
- MIHALOVITCH, AMY FLETCHER, A.B. Cincinnati 1914, *Social Economy*..... Cincinnati, O.
- MILES, BENJAMIN, B.S. N. Y. Univ. 1914, *Philosophy*..... New York City
- MILES, IRENE LENORE, A.B. Vassar 1910, *English*..... New York City
- MILLER, DONALD HERBERT, A.B. 1907, *Physics, Mathematics, Chemistry*..... Binghamton, N. Y.
- MILLER, EVERETT HOWE, A.B. Brown 1912, *Chemistry* South Hadley Falls, Mass.
- MILLER, HENRY SCOTT, A.B. Earlham 1915, *English*..... Richmond, Ind.
- MILLHAUS, IDA ETHEL, A.B. Hunter 1914, *French*..... New York City
- MILLS, AGNES DOROTHY, A.M. 1915, LL.A. St. Andrew's (Scotland) 1914, *History, English*..... New York City
- MILLS, CHARLES MORRIS, A.B. Amherst 1914, *History*..... Montclair, N. J.
- MILNOR, MARGUERITE, A.B. Wellesley 1912, *Psychology*..... Williamsport, Pa.
- MINER, CLARENCE EUGENE, A.M. 1913, A.B. C. C. N. Y. 1906, *History, International Law, Education*..... New York City
- MINICH, ROY LINDEN, A.B. Ursinus 1915, *Philosophy*..... New York City
- MINZESHEIMER, CARRIE THERESE, A.B. Hunter 1915, *Chemistry*.. New York City
- MOHAN, LUCY FLORENCE, A.B. Radcliffe 1903, *English*..... New York City
- MOHRING, JENNIE FREDA, A.B. Bucknell 1910, *Chemistry*..... Lancaster, Pa.
- MONTGOMERY, MELVILLE GRAY, A.B. Park 1913, *Sociology*..... New York City
- MOORE, MAURICE THOMPSON, A.B. Trinity 1915, *Sociology*..... Depart Tex.
- MOORE, ROBERT ELWOOD, A.B. Wesleyan 1915, *Political Economy, Sociology, History*..... Newark, N. J.
- MOORE, RUTH ELLEN, A.B. Chicago 1902, *English*..... Bloomington, Ill.
- MOORE, WILLIAM DYER, A.B. Texas 1915, *English*..... Port Lavaca, Tex.

- MORALES, JOSE HORACIO, A.B. Sem. de San Carlos de Ancud 1904,  
*Spanish, Italian, Psychology*..... Talca, Chile
- MORAN, SHERWOOD FORD, A.B. Oberlin 1914, *Philosophy*..... New York City
- MORGAN, GEORGE HERBERT, B.S. Michigan 1908, *Geology*..... Youngstown, Ohio
- MORGAN, WILLIAM EDGAR, A.B. Syracuse 1915, *Chemistry, Physics*..... New York City
- MORGANTHAU, LUCY ROSE, A.B. 1915, *History, Politics*..... New York City
- MORGANTHALL, RITA WALLACH (n. m.), *History*..... New York City
- MORLEY, CLARA EDITH, B.L. Minnesota 1901, *English*..... Montevideo, Minn.
- MORRILL, FRANCES URSULA, A.B. Smith 1907, *French*..... New York City
- MORRIS, GWENDOLIN, A.B. Middlebury 1910, *Science*..... Haverstraw, N. Y.
- MORRIS, HOMER LAWRENCE, A.B. Earlham 1911, *Politics*..... Los Angeles, Cal.
- MORRISON, DAVID HERRON, A.B. Wooster 1909, *Philosophy*..... New York City
- MORSE, KATHERINE MARIAN, B.S. 1916, *English*..... Omaha, Neb.
- MOSSER, OLIVER EUGENE, A.B. Yale 1913, *Social Economy*..... Neffs, Pa.
- MUELLER, HENRY RICHARD, A.M. 1915, A.B. Muhlenberg, 1909,  
*History, Economics, Public Law*..... Lancaster, Pa.
- MUELLER, JOHN HOWARD, B.S. Illinois Wesleyan 1912, M.S. Louis-  
 ville 1914, *Pathology, Bacteriology, Chemistry*..... Barneweld, N. Y.
- MULHALL, EDITH FRANCES, B.S. 1914, A.M. 1915, *Psychology*,  
*Philosophy*..... New York City
- MULLIGAN, RUTH, A.B. Wellesley 1911, *English*..... Natick, Mass.
- MULLIKIN, JEANNETTE, A.M. 1915, A.B. Vassar 1914, *Bacteriology*,  
*Chemistry, Zoology*..... Newark, N. J.
- MUMFORD, AMELIA ROBINSON, A.B. 1913, *English*..... Saratoga Springs, N. Y.
- MURAVCHIK RACHEL BELKIN, A.M. 1913, *Sociology, Economics*,  
*History*..... New York City
- MURCHISON, CLAUDIUS TEMPLE, A.B. Wake Forest 1911, *Eco-  
 nomics, Sociology, History*..... Yanceyville, N. C.
- MURPHY, ANNA BLANCHE, *Comparative Literature*..... Manchester, N. H.
- MURPHY, CHARLES BAILEY, A.B. Park 1910, *History*..... Nashville, Tenn.
- MURPHY, ROBERT CUSHMAN, Ph.B. Brown 1911, *Zoology*..... New York City
- MURRAY, NONA (n. m.), *English*..... New York City
- MUSSAENS, MARIE GUENTHER, A.M. 1915, A.B. Smith 1906,  
*French*..... Limeton, Va.
- MUTCHMOR, JAMES RALPH, A.M. 1915, A.B. Toronto 1913, *Eco-  
 nomics, Philosophy, Psychology*..... Glen Huron, Canada
- MUTSCHELLER, ARTHUR, B.S. 1913, A.M. 1914, *Biology, Chemistry*,  
*Physics*..... New York City
- MYERS, HARRIET BLACKSTONE Ph.B. Ottawa 1898, *Sociology*..... New York City
- NAMMACK, ELIZABETH FRANCES, A.B. 1895, A.M. 1896, *Latin*,  
*Greek*..... New York City
- NEAD, RAYMOND HARKER, A.B. Dartmouth 1911, *Psychology*..... Norwood, Mass.
- NEFF, EMERY EDWARD, A.M. 1914, A.B. Ohio Wesleyan 1913,  
*English, Comparative Literature*..... Delaware, O.
- NELSON, LOUISE ANNA, Ph.B. Colorado 1902, *Biology*..... Seattle, Wash.
- NEUCOMER, MABEL, A.B. Leland Stanford 1913, A.M. 1914, *Politi-  
 cal Economy, Politics, Sociology*..... Palo Alto, Cal.
- NEUMANN, HENRY, A.B. C. C. N. Y. 1900, Ph.D. N. Y. Univ. 1906,  
*Philosophy*..... New York City
- NEUSCHAFER, FRANZ LUDWIG (n. m.), *Economics*,..... New York City
- NEWELL, FREDERICK BUCKLEY, A.B. Wesleyan 1913, *Social Econ-  
 omy*..... New York City
- NEWTON, ALBERTA MONTGOMERY, A.M. 1915, A.B. Bryn Mawr 1905,  
*Latin, Greek, History*..... New York City
- NICHOLS, SUSAN FARLEY, A.B. Bryn Mawr 1915, *English*..... New York City
- NILSON, LORNA, A.B. Vassar 1908, *Physics*..... New York City
- NICOLASSEN, GEORGE FREDERICK, A.B. Virginia 1879, A.M. 1880,  
 Ph.D. Johns Hopkins 1882, *Philosophy*..... Clarksville, Tenn.

- NITCHIE, ELIZABETH, A.B. 1910, *English, Latin*.....Westfield, N. J.  
 NIXDORFF, CHARLES EDWARD, A.B. Harvard 1900, LL.B. 1903,  
*French*.....New York City  
 NIXON, ERNEST LELAND, B.S. Ohio 1912, M.S. 1910, *Botany, Agriculture* Hamden, O.  
 NORTHERN, JOSEPH C., A.B. C. C. N. Y. 1913, *German*.....New York City  
 NOLAND, LEILA (n. m.), A.B. Smith 1914, *Bio-Chemistry*.....Louisville, Ky.  
 NOONAN, RAYMOND LENOX, B.S. 1915, *English*.....New York City  
 NORTON, ETHEL CLARE, A.B. Colorado 1909, A.M. 1913, *Romance,*  
*German*.....Colorado Springs, Colo.  
 NOSCHKE, ADOLPH, A.B. C. C. N. Y. 1912, *German*.....New York City  
 NOWLAN, FREDERICK STANLEY, A.B. Acadia 1908, A.M. Harvard  
 1909, *Mathematics, Physics*.....Wolfville, Canada  
 NOYES, MORGAN PHELPS, A.B. Yale 1914, *Sociology*.....Warren, Pa.  
 NYI, JOSHUA ZAU-TSUNG, B.S. 1913, A.M. 1914, *Public Law,*  
*French*.....Hangchow, China  
 OAKES, EARLE THOMAS, A.B. Michigan Normal 1915, *Chemistry*..Marlette, Mich.  
 O'BRIEN, ABIGAIL ADALINE, A.B. Cornell 1902, *Botany*.....Utica, N.Y.  
 O'DELL, GEORGE EDWARD (n. m.), *Philosophy*.....New York City  
 OATMAN, MIRIAM EULALIE, A.B. Oberlin 1912, *Sociology, Economics,*  
*History*.....Mt. Holly, N. J.  
 OCHS, IPHIGENE BERTHE, A.B. 1914, *History*.....New York City  
 OELLRICH, PAULA, A.B. 1912, A.M. 1914, *German*.....East Orange, N. J.  
 OGILVIE, PAUL MORGAN, A.B. 1913, A.M. 1914, *International Law,*  
*Economics*.....Los Angeles, Cal.  
 OHIRA, TOKUZO (n. m.), *Zoology*.....Sakata, Japan  
 OHL, ROSINA (n. m.), *German*.....New York City  
 OHLSON, OSCAR WOLFRED, A.B. Upsala 1909, B.D. Augustina Theo.  
 Sem. 1912, *Sociology*.....Mt. Vernon, N. Y.  
 OLCOTT, DOROTHY, A.B. Smith 1913, *Sociology*.....Duluth, Minn.  
 OLDS, LELAND, A.B. Amherst 1912, *History, Philosophy*.....Amherst, Mass.  
 OLIN, JESSIE ELVIRA, A.B. St. Lawrence 1905, *History*.....New York City  
 OLINGER, HENRI CESAR, B.S. 1909, *French*.....New York City  
 OLMSTEAD, MIRIAM PARMERTON, A.M. Smith 1912, *Bacteriology*  
*Chemistry*.....Taftsville, Vt.  
 OPPENHEIMER, FLORENCE, A.B. 1901, *History*.....New York City  
 OSGOOD, ELLEN LOUISE, A.B. Smith 1902, *History*.....Plainfield, N. J.  
 OSSWALT, ROBERT LOUIS, A.B. 1916, *Latin*.....New York City  
 OTSUKA, SETSUJI (n. m.), A.M. 1915, *Philosophy*.....Kyoto, Japan  
 OWEN, RUSSELL HARRY, A.B. Indiana 1913, *Politics*.....Sheridan, Ind.  
 PADVE, MEYER, B.S. N. Y. Univ. 1915, *History*.....New York City  
 PAGAR, SHANKAR MADHAV, A.M. 1915, A.B. Wisconsin 1914, *Eco-*  
*nomics, Sociology, Politics*.....Baroda, India  
 PALMER, ELIZABETH, A.B. 1915, *German*.....New York City  
 PALMER, FREDERICK ALBERT, A.B. Huron 1913, *Philosophy*.....Newark, N. J.  
 PARDEE, CHARLES JAMES, A.B. Hiram 1909, *History*.....New York City  
 PAREIS, EVA MAY, A.B. 1916, *English*.....Jersey City, N. J.  
 PARKER, JULIA TIFFANY (n. m.), *Bacteriology*.....Syosset, N. Y.  
 PARKINS, GEORGE BELL, A.B. Ohio Wesleyan 1913, *Philosophy*..Port Morris, N. J.  
 PARRISH, CHARLES EDWARD, B.S. Syracuse 1912, *History*.....New York City  
 PARROTT, RAYMOND DUNMORE, B.S. Armour 1915, *Chemistry*.....Chicago, Ill.  
 PARSONS, ALICE TULLIS, A.M. 1915, B.L. Smith 1897, *English*.....New York City  
 PARSONS, LEWELLYN P. (n. m.), *Philosophy*.....New York City  
 PASHLEY, JOSEPHINE COOKE, A.B. 1908, *Politics*.....Elmira, N. Y.  
 PATRICK, GEORGE Z., LL.B. Faculté de Droit (Paris) 1912, *Romance*  
*Languages*.....New York City  
 PATTERSON, MARY PERRINE (n. m.), *Economics*.....Dayton, O.  
 PATTERSON, WILLIAM ALFRED, A.B. 1914, A.M. 1915, *History,*  
*Economics, Education*.....New York City

## 392 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- PATTON, JULIA, A.M. 1908, A.B. Oberlin 1895.....New York City  
 PAULI, RUTH HILDA (n. m.), *Bacteriology*.....New York City  
 PAUNKOKE, OTTO HERMAN, B.D. Union Theo. Sem. 1915, *History, Economics*,.....New York City  
 PAWAR, RAMCHANDRA RAOJI, A.B. Bombay 1905, LL.B. 1908, A.M.  
     N. Y. Univ. 1915, *Economics, Sociology, French*.....Baroda, India  
 PEARLMAN, JOSEPH, B.S. 1915, *English*.....New York City  
 PEARSON, LUCIEN DEAN, A.B. Williams 1914, *Psychology*.....Hartford, Conn.  
 PECKHAM, ANNA BROWN (n. m.), *Mathematics*.....Kingston, R. I.  
 PELL, ELSIE ESTELLE, A.B. Hunter 1914, *Romance Languages*.....New York City  
 PENDER, THOMAS MILLISON, A.B. Pittsburgh 1910, *Philosophy*  
     South Orange, N. J.  
 PENNISTON, JOHN BENJAMIN, A.B. Park 1911, B.S. Montana 1912,  
     *Politics, Constitutional Law, Economics*.....New York City  
 PERLMAN, MILTON BERTRAM, A.B. C. C. N. Y. 1914, *Sociology*.....New York City  
 PERRY, MADELINE, A.B. Milwaukee-Downes 1911, *English Literature*  
     Aberdeen, S. Dak.  
 PETERS, IVA L., A.B. Syracuse 1901, *Sociology, History, Economics*. Fishkill, N. Y.  
 PETERSON, GUY SHARP, A.B. Wooster 1908, *Psychology*.....Perry, O.  
 PETERSON, LEROY, A.B. Allegheny 1913, *Politics*.....New York City  
 PETERSON, RALPH LORENZO, A.B. Albion 1914, *Sociology*.....New York City  
 PFAU, GEORGE HAROLD, A.B. Wabash 1915, *Economics*.....Terre Haute, Ind.  
 PHILP, MARY ISABEL, A.M. 1901, *Philosophy, English, Education*  
     Chateaugay, N. Y.  
 PICARD, MAURICE, A.B. 1910, A.M. 1911, *Philosophy*.....New York City  
 PICHER, R. HECTOR, B.S. Laval (Canada), *Highway Engineering*..Aston, Canada  
 PICK, THELKA, A.M. 1913, *German, French*.....New York City  
 PICKETT, WILLIAM JACKSON, B.S. 1909, *Mathematics*.....Lynbrook, N. Y.  
 PIECZONKA, EMILIE, A.B. Hunter 1910, *German*.....New York City  
 PIERCE, ALICE REEVES (n. m.), A.B. Smith 1896, A.M. Brown 1901,  
     *English*.....New York City  
 PIERCE, JULIA GERTRUDE, B.S. Alfred 1906, *Zoology*.....Paterson, N. J.  
 PINKHAM, MARTHA GRACE, A.B. Bates 1888, A.M. 1896, *English*...New York City  
 PLAISTED, ELIZABETH, A.B. Wells 1903, *History*.....New York City  
 PLANK LAURANCE ROBBINS, A.B. North Dakota 1914, *Sociology*  
     Minneapolis, Minn.  
 POLON, ALBERT (n. m.), *Psychology*.....New York City  
 POPKIN, MAXWELL, B.S. C. C. N. Y. 1916, *English*.....New York City  
 PORTER, HELEN-LOUISE KNICKERBOCKER (n. m.), *English*.....Montclair, N. J.  
 PORTER, LUCY WALLACE, *Italian*.....New York City  
 POWELL, MARY LEE (n. m.), *Philosophy*.....New York City  
 POWELL, NANCY HUFF, B.S. 1911, A.M. 1915, A.M. South Carolina  
     1915, *Latin, Greek*.....White Plains, N. Y.  
 PRESS, ABRAHAM, (n.m.), B.S. Cooper Union 1899, *Mathematics*...New York City  
 PRITCHARD, ROWENA EMILIE, A.B. Hunter 1914, *Germanic Languages*  
     New York City  
 PYLE, GERALD JACKSON, Litt. B. Princeton 1914, *Philosophy*..Wilmington, Del.  
 QUESADA, ESPERANZA, Ph.D. Havana, *Economics*.....Santiago, Cuba  
 QUIGLEY, THOMAS HENRY, A.B. Brown 1911, A.M. 1911, *English, History, Comparative Literature*.....Jersey City, N. J.  
 RABE, LOUIS WILLIAM, A.B. Michigan 1915, *Social Economy*.....Payson, Ill.  
 RABINOFF, EVA, A.B. Hunter 1910, *English*.....New York City  
 RAGAN, ELSI (n. m.), *History*.....Hawkinsville, Ga.  
 RAINES, MORRIS ABEL, B.S. 1915, *Botany*.....New York City  
 RASIN, MAX, B.S. Cincinnati 1903, *History, Semitics, Philosophy*..New York City  
 RAKOWITZ, SAMUEL, A.B. C. C. N. Y. 1908, *French*.....New York City  
 RANDOLPHE, MILDRED FRITZ, A.B. 1915, *Latin*.....Newark, N. J.  
 RAUCH, NATHAN ARNOLD, B.S. C. C. N. Y. 1915, *Chemistry*.....New York City



- RAVICZ, LOUIS G., E.M. Minnesota 1914, A.M. 1915, *Geology, Mining*  
New York City
- RAY, BENJAMIN FRANKLIN, A.B. Baker 1912, *Sociology*.....Madison, N. J.
- RAYMOND, HOWARD COOK, Litt.B. Princeton 1915, *Social Economy*. Franklin, N. Y.
- RAYNOR, NINA FRANCES, A.M. Vassar 1906, *Latin, Greek*.....Carbondale, Pa.
- READ, NORMAN HATFIELD, A.B. Yale 1913, *Geology*.....Manchester, Mass.
- REGAN, CATHERINE (n. m.), A.B. Hunter 1906, *Pathology*.....New York City
- REGAN, HELEN, (n. m.), *Zoology*.....New York City
- REGARD, LEON J., B.S. C. C. N. Y. 1915, *Economics*.....New York City
- REGES, CHARLES HENRY, A.B. 1907, *German*.....New York City
- REINHEIMER, CORINNE, A.B. 1914, *English*.....New York City
- REIZENSTEIN, ELMER L. (n. m.), LL.B. New York Law 1912, *Public Law*.....New York City
- REPLOGLE, IDA BERENICE, *Botany*.....Burr Oak, Mich.
- REUMANN, OTTO G., A.M. 1915, A.B. Syracuse 1913, *Social Economy, Sociology, Education*.....New Bedford, Mass.
- REUTHER, ELIZABETH MARIA (n. m.), *German*.....Briarcliff Manor, N. Y.
- REYNOLDS, MARTHA MAY, *Psychology*.....Poughkeepsie, N. Y.
- RICHARDS, HAZEL D. (n. m.), A.B. DePauw 1910 *History*.....Rochester, Ind.
- RICHARDS, ORON ELVERT, A.M. 1915, A.B. DePauw 1910, *History, Politics*.....Rochester, Ind.
- RICHARDSON, WILLIAM CARRINGTON, A.M. 1915, A.B. Cornell 1899, *Latin, Greek*.....New York City
- RICHMOND, LAURA ELLA, A.B. Vassar 1912, *Chemistry*....Rockville Centre, N. Y.
- RIIS, MARY PHILLIPS, (n.m.), *Sociology*.....New York City
- RIKER, ADBIAN, JR., A.B. Princeton 1914, *Chemistry*.....Newark, N. J.
- RINWOOD, IRENE CECILE, A.B. Vassar 1915, *Latin*.....Poughkeepsie, N. Y.
- RISHELL, PAUL WESLEY, B.S. Pennsylvania 1914, *History*.....New York City
- RITT, JOSEPH FELS, A.B. George Washington 1913, *Mathematics, Physics*.....New York City
- RITTER, FRANK OLIN, A.B. Cornell 1914, *Chemistry*.....New York City
- RITTI, MABEL MARGUERITE, A.B. Hunter 1913, *Physiology*.....New York City
- RIVA-ZUCCHELLI, JOHN, C.E. Montevideo 1914, *Highway Engineering*  
Montevideo, Uruguay
- ROBERTS, ESSIE T., A.B. Agnes Scott 1914, *Social Economy*.....Fairburn, Ga.
- ROBERTS, HELEN HEFFRON (n. m.), *Anthropology*.....Chicago, Ill.
- ROBERTS, RIGGIE RAY, A.B. Albion 1912, *Philosophy*.....Gladwin, Mich.
- ROBERTSON, HUGH WINFIELD, B.Litt. 1915, A.B. Hendrix 1909, A.M. Vanderbilt 1912, *English, Sociology*.....Hot Springs, Ark.
- ROBINSON, ALICE M., A.M. Mount Holyoke 1901, *Mathematics*....New York City
- ROBINSON, CHARLES WELLINGTON, B.D. Nashotah Sem. 1894, *Slavonic*.....Haverford, Pa.
- ROBINSON, JAMES HOWARD, A.M. 1909, A.B. Hamline 1908, B.D. Union Theo. Sem. 1908, *History, Philosophy, Archæology*.....New York City
- ROBINSON, LELAND REX, A.B. 1915, *Economics, Sociology, International Law*.....East Orange, N. J.
- ROBINSON, PHILIP BROOKS (n. m.), A.B. Harvard 1903, *International Law*.....New York City
- ROBSON, MARY EVANGELINE, A.B. New Rochelle 1915, *Latin*  
Gaspe Basin, Canada
- ROGAN, ELINOR MARGARET, A.B. New Rochelle 1909, *History*..Yonkers, N. Y.
- ROGERS, ELIZABETH FRANCES, A.M. 1913, A.B. Goucher 1912, *History, Sociology*.....Madison, N. J.
- ROGERS, HERBERT WESLEY, B.S. 1915, *Psychology*.....New York City
- ROLAND, PERCY WILLIAM, M.E. 1915, *Physics*.....New York City
- ROLL, ROSE, A.M. 1914, A.B. Hunter 1909, *Mathematics, German*..New York City
- ROLLER, GEORGE HERBERT, (n. m.), A.B. Northwestern, Ph.B. 1910 *Economics, Sociology, Politics*.....New York City

## 394 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- ROMIG, EDWIN BLAINE, A.B. Franklin & Marshall 1913, *Social Economy*.....New York City
- ROSE, MINNIE, A.B. Smith 1914, *History*.....Vicksburg, Miss.
- ROSENFELD, ALBERTINE AGUSTA, A.B. Hunter 1914, *Psychology*...New York City
- ROSENSTEIN, DAVID, B.S. C. C. N. Y. 1916, *Philosophy*.....New York City
- ROSENTHAL, GEORGE J., A.B. 1910, A.M. 1911, *Chemistry, Bacteriology, Anatomy*.....New York City
- ROSENTHAL, JEROME, A.M. 1915, *Philosophy, German*.....New York City
- ROSENTHAL, JULES EDMUND, C.E. Cornell 1915, *Highway Engineering*.....New York City
- ROSS, ALICE, B.S. 1914, *German*.....Newark, N. J.
- ROSS, LAZARUS DAVID, A.B. C. C. N. Y. 1914, *Psychology*.....New York City
- ROSSBACH, MABEL (n. m.), *History*.....New York City
- ROTGARD, ISADORE, A.B. 1916, *Latin*.....New York City
- ROTH, HELEN MERCEDES, A.B. Hunter 1915, *English*.....New York City
- ROUTT, GROVER CLEVELAND, B.S. Kentucky 1911, M.S. 1913, *Botany*....Gee, Ky.
- ROVITCH, JOHN CHARLES, B.S. C. C. N. Y. 1913, *Psychology*....New York City
- ROWE, EUGENE, CHARLES, A.B. Olivet 1897, Ph.D. Clark, 1908 (n. m.), *Psychology*.....Mount Pleasant, Mich.
- ROWLAND, WILLIAM TINGLE, A.B. Kentucky Wesleyan 1902, A.M. Vanderbilt 1907, *Latin, Greek, Philosophy*.....New York City
- ROZA, JOSEPH GEORGE de, B.S. Maine 1910, *History*.....New York City
- RUNKLE, ELIZABETH ANN, A.B. Southwestern 1907, *Latin*.....San Angelo, Tex.
- RUSS, PHILIP WILLIAM, A.B. 1915, *Social Economy*.....New York City
- RUSSELL, DOROTHY MARIE, A.B. Hunter 1914, *English*.....New York City
- RUSSELL, FRANK MARION, A.B. Leland Stanford 1912, A.M. 1913, *History, International Law*.....Stanford University, Cal.
- RUSSELL, GENEVIEVE, A.B. Mount Holyoke 1914, *English*.....Worcester, Mass.
- RUSSO, JOSEPH LOUIS, A.M. 1915, *Spanish, French*.....Naples, Italy
- RUSTEDT, MARION BINGHAM, Ph.B. Vermont 1898, *French, German*..Richford, Vt.
- SAFIR, SHELLEY R., A.M. 1913, A.B. C. C. N. Y. 1912, *Zoology, Botany, Physiology*.....New York City
- SAKAMOTO, YOSHIHARU, *Economics*.....New York City
- SALVATORE, PAUL JOHN, A.B. 1915, *Romance Language*.....New York City
- SALWEN, DOROTHY, A.B. 1911, A.M. 1914, *History, Politics*.....New York City
- SALZMAN, MARCUS, A.B. Cincinnati 1893, *Semitics, Philosophy*..Wilkes Barre, Pa.
- SANBORN, AENID ALICE, A.B. Vassar 1915, *Latin*.....New York City
- SANBORN, VINCENT GUY, A.B. 1915, *Psychology*.....New York City
- SANBORNE, GEORGE GATES, A.B. Princeton 1910, *Latin*.....Hoboken, N. J.
- SANDBERG, BERTHA, (n. m.), A.B. Hunter 1913 *German*.....New York City
- SANDSTEIN, LEOPOLD MAURICE, B.S. Mass. Inst. of Tech. 1912, *Highway Engineering*.....New York City
- SANFORD, MORRIS BLEN, A.B. Syracuse 1910, *English*.....Irvington, N. Y.
- SAPIRO, DAVID, B.S. 1912, A.M. 1915, *Philosophy*.....New York City
- SAUNDERS, SARAH JOHNSON, A.M. 1914, A.B. West Virginia 1901, *Sanskrit*.....Parkersburg, W. Va.
- SAWADA, GOICHI (n. m.), M.S. Tokyo (Japan) 1891, *Chemistry*....New York City
- SAWYER, HAROLD EVERETT, A.B. Trinity 1913, *Philosophy*.....Hartford, Conn.
- SAYERS, MAUDE GRUBER, A.M. 1911, B.S. 1914, A.B. Ohio Wesleyan 1902, A.M. 1903, *English*.....Marion, O.
- SCARBOROUGH, EMILY DOROTHY, A.B. Baylor 1896, A.M. 1899, *English, Journalism*.....New York City
- SCATCHARD, GEORGE, A.B. Amherst 1913, *Chemistry, Mathematics*..Oneonta, N. Y.
- SCOVA, LEWIS, A.B. 1915, *Economics*.....New York City
- SCHAFER, JENNIE ELIZABETH (n. m.), *History*.....New York City
- SCHAPIRO, ABRAHAM, A.B. C. C. N. Y. 1913, *History*.....New York City
- SCHENCK, HENRY, A.B. Harvard 1903, *Economics*.....New York City
- SCHINDLER, EMIL, B.S. Bklyn. Polytechnic 1915, *Organic Chemistry*. New York City

- SCHLEITER, FREDERICK, Ph. B. Chicago 1905, *Anthropology*..... New York City  
 SCHLUTER, WILLIAM CHARLES, A.B. Iowa 1915, *Economics*..... Lowden, Ia.  
 SCHMIDT, ELLA, A.B. Hunter 1913, *German*..... New York City  
 SCHMIDT, META, A.B. Hunter 1911, *German*..... New York City  
 SCHMIDT, RICHARD HOMER, A.M. 1915, A.B. Wesleyan 1910, *Chemistry*..... Hackensack, N. J.  
 SCHMUCKLER, JACOB HYMAN, B.S. 1914, A.M. 1915, *Economics, Sociology, Psychology*..... New York City  
 SCHNEIDER, ABRAHAM ARTHUR, A.B. C. C. N. Y. 1916, *English*..... New York City  
 SCHNEIDER, HERBERT WALLACE, A.B. 1915, *Philosophy, Education, Psychology*..... Evanston, Ill.  
 SCHOENFELDT, EUGENIA NONA, A.B. Hunter 1913, *German*..... New York City  
 SCHONBERG, MAX, A.B. 1907, *History, Politics*..... New York City  
 SCHRADIECK, CONSTANT ENGELBERT, M.D. Landes Univ. (Rostock, Germany) 1900, *Chemistry, Bacteriology*..... Hamburg, Germany  
 SCHRAGENHEIM, BETTY, B.S. 1915, *Germanic Languages*..... New York City  
 SCHULTZ, EUGENE, M.S. Wisconsin 1915, *Botany, Zoology*..... New York City  
 SCHURMEIER, THEODORA (n. m.), *Sociology*..... St. Paul, Minn.  
 SCHWARTZ, VIRGINIA MARIE, A.B. 1912, *Psychology*..... Saratoga Springs, N. Y.  
 SCHWEINITZ, MARGARET von T. de, A.B. Vassar 1912, *French*..... Montclair, N. J.  
 SCOTT, FRANK DICKEY A.B. Waynesburg 1910, A.B. Yale 1914, B.D.  
 Auburn Sem. 1915, *Social Economy*..... Waynesburg, Pa.  
 SCOTT, HAROLD LORAIN, Ph.B. Denison 1911, *History*..... Osaka, Japan  
 SCOTT, HENRY MILLER, A.B. Nebraska 1911, *History, Constitutional Law*  
 SEAL, HARVEY CLARENCE, A.M. 1915, A.B. Kansas 1914, *Public Law, History*..... Meriden, Kans.  
 SEE, CHONG SU, B.S. 1915, *Economics*..... Hongkong, China  
 SEEGER, JOHN CONRAD, A.B. Muhlenberg 1913, *English*..... Columbia, S.C.  
 SELEKMAN, BENJAMIN MORRIS, B.S. Pittsburgh 1912, *Social Economy* Latrobe, Pa.  
 SELIGMAN, RENÉE C. (n. m.), *Economics*..... New York City  
 SELLARDS, MARY WATSON, A.B. Kansas 1900, A.M. 1901, *English*  
 Burlingame, Kan.  
 SELTZER, LUCY SUAVELY, A.B. Lebanon Valley 1910, *German*..... Lebanon, Pa.  
 SEMMES, DOUGLAS RAMSAY, A.B. Virginia 1912, A.M. 1913, *Economics, Geology*..... New York City  
 SETSUO, TOMIYAMA (n. m.), *Public Law*..... Tokyo, Japan  
 SEYMOUR, LAURA SHERWOOD, A.B. Vassar 1915, *History*..... New York City  
 SHACKLETON, CLARA EVERETT, A.B. 1914, *English*..... New York City  
 SHANNON, SALLIE E., A.B. Florida Women's Coll. 1908, A.M. 1909, *English*..... Tampa, Fla.  
 SHAPIRO, FRIEDA, A.B. Hunter 1905, B.S. N. Y. Univ. 1910, *German*  
 New York City  
 SHARP, ALEXANDER CLARENCE, A.B. Oberlin 1896, B.D. Drew Sem. 1909, *Semitics*..... Madison, N. J.  
 SHAVIRO, NATHAN, Ph.B. Chicago 1914, *Philosophy, Psychology*..... New York City  
 SHAW, ERNEST THORNTON, A.B. Washington 1912, *Sociology*..... Tacoma, Wash.  
 SHEARS, LAMBERT, ARMOUR, *Germanic*..... New York City  
 SHIBLEY, MABEL MATILDA, A.B. Smith 1907, *English*..... Carlisle, Pa.  
 SHERMAN, ROSE ELIZABETH, A.B. Wellesley 1900, *English*..... New York City  
 SHERWOOD, MARGARET MERRIAM, (n. m.), A.B. Vassar 1912 *Comparative Literature*..... Cornwall, N. Y.  
 SHIPLEY, JOSEPH TWADELL, A.M. 1914, A.B. C. C. N. Y. 1912, *Comparative Literature, English*..... New York City  
 SHIPMAN, MARY EVELYN, B.S. Mount Union 1899, A.M. 1911, *English*..... Alliance, O.  
 SHIRCAS, HYMAN, A.M. 1915, A.B. C. C. N. Y. 1914, *Biology*..... New York City  
 SHOJIRO, KUBUSHIRO, A.B. Kyoto (Japan) *Chemistry, Bacteriology*  
 Kumamoto, Japan

## 396 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- SHOWERS, RALPH WALTERS, A.M. 1913, A.B. Susquehanna 1908, B.D.  
 Union Theo. Sem. 1915, *History, Philosophy, Sociology*.....Penn's Creek, Pa.
- SHUKRI, AHMED, A.M. 1915, LL.B. 1915, *Jurisprudence*..Constantinople, Turkey
- SIDENBERG, MILDRED GOTTHEIL (n. m.), *Economics*.....New York City
- SIEBENMORGEN, WILLIAM (n. m.), *Electrical Engineering*.....Westfield, N. J.
- SIEGLER, LILLIAN AMELIA, B.S. Minnesota 1896, *European History*..Spokane, Wash.
- SIGMOND, RICHARD O., B.S. Northwestern 1908, *History*.....New York City
- SIMBOLI, CESIDO, A.B. Colgate 1913, *Sociology*.....Galway, N. Y.
- SIMPSON, JULIA, A.B. Hunter 1915, *Mathematics*.....New York City
- SINCLAIR, MARY EMILY, A.B. Oberlin 1900, A.M. Chicago 1903,  
 Ph.D. 1908, *Mathematics*.....Oberlin, Ohio
- SKINNER, DOROTHY ANNE, A.B. 1915, *English*.....White Post, Va.
- SLACK, FRANK VAN HART, A.B. Pennsylvania 1903, *History*.....Newhope, Pa.
- SLADE, UNA CYNTHIA, Ph.B. Syracuse 1906, *English*.....Millers, N. Y.
- SLATTERY, JOHN THEODORE, A.B. Manhattan 1886, A.M. 1893,  
*Philosophy, Comparative Literature*.....Watervliet, N. Y.
- SMITH, ALLAN HAMILTON, B.S. 1912, *Private Law*.....Kingston, N. Y.
- SMITH, BYRON PORTER, A.B. Wooster 1910, *Philosophy*.....Cardington, Ohio
- SMITH, EVERITT GROFF (n. m.), *Politics*.....Allenhurst, N. J.
- SMITH, FLORENCE NIGHTINGALE, A.B. Agnes Scott 1913, *Biology*....Atlanta, Ga.
- SMITH, FRED TREDWELL (n. m.), A.B. Harvard 1915, *Semitics*,  
*Education*.....Melrose Highlands, Mass.
- SMITH, KARL H., A.B. C. C. N. Y. 1915, *Zoology*.....New York City
- SMITH, LEVI GARVIN, A.B. DePauw 1911, *Philosophy*.....Madison, N. J.
- SMITH, LUCIA HELEN, A.B. Vassar 1915, *Chemistry*.....New York City
- SMITH, MARY DELIA, B.S. Richmond 1915, *Sociology*.....Richmond, Va.
- SMITH, MARY ROWELL, A.B. Vassar 1914, *Politics, Public Law*...New York City
- SMITH, RUSSELL GORDON, A.M. 1914, A.B. Richmond 1911, *Sociology*,  
*Economics, History*.....Richmond, Va.
- SMITH, RUTH KNOWLES, A.B. Mount Holyoke 1907, *English*....Paterson, N. J.
- SMITH, TRUMAN, A.B. Yale 1915, *History*.....Stamford, Conn.
- SMUCKER, VERNON JONATHAN, (n. m.) A.B. Goshen 1915, *Economics*  
 Smithville, O.
- SNIDER, ANNIE MAUDE, Ph.B. Syracuse 1905, *Comparative Literature*  
 Cortland, N. Y.
- SOCKMAN, RALPH WASHINGTON, A.M. 1913, A.B. Ohio Wesleyan 1911,  
*History, Public Law*.....Mt. Vernon, O.
- SOLOMON, MATILDA LILLIAN, A.B. Hunter 1913, *Zoology, Education*, New York City
- SOLON, MARION LUCILE, A.B. Mt. St. Vincent 1915, *Latin*.....New York City
- SOONG, TSE-VUNG, A.B. Harvard 1915, *Economics*.....Shanghai, China
- SPEAR, ELWYN HENRY, A.M. 1915, Ph.B. St. Stephens 1911, *Sociology*,  
 New York City
- SPEER, FELIX, A.B. C. C. N. Y. 1913, *English*.....New York City
- SPIEGEL, BEATRICE GERTRUDE, B.S. Elmira 1914, A.M. Wisconsin  
 1915, *Social Economy*.....Elmira, N. Y.
- SPIER, LESLIE, B.S. C. C. N. Y. 1915, *Anthropology*.....New York City
- SPITZ, LEON, A.B. Trinity 1915, *History*.....Hartford, Conn.
- SPRING, HENRY POWELL, A.B. Vermont 1913, *German*.....New York City
- STABLEFORD, RICHARD GORDON, JR., A.B. 1914, *German*.....New York City
- STAM, HILDA, A.B. Hunter 1915, *Physiography*.....New York City
- STANTON, ADAM NATHANIEL, A.B. Colgate 1913, *Social Economy*..Corning, N. Y.
- STARK, LOUIS (n. m.), *Politics, History, English*.....New York City
- STARK, MARY BERTHA, Ph.B. Hamline 1902, A.M. 1904, *Zoology*,  
*Bacteriology, Paleontology*.....Harris, Minn.
- STEBBINS, ELIZABETH DOUGLAS, A.B. Adelphi 1910, *Anthropology*..New York City
- STEBBINS, MARIANNE GROVES, (n. m.), *Bacteriology*.....New York City
- STEHLIN, OTTILIA MARIE, A.B. Adelphi 1915, *English*.....New York City
- STEICH, GEORGE, *Mathematics, Physics, Astronomy*.....New York City

- STERN, EMANUEL AARON (n. m.), LL.B. New York Law 1911, *Psychology*.....New York City
- STERN, JOSEPHINE MAY (n. m.), *History*.....Hastings, N. Y.
- STERN, LEO, B.S. 1915, *Mathematics*.....New York City
- STERN, RICHARD MORRIS, A.M. 1914, A.B. C. C. N. Y. 1911, *Sociology, Social Economy, History*.....New Rochelle, N. Y.
- STEVENS, FLOYD ALONZO, A.M. 1915, A.B. Wesleyan 1914, *English*  
Ridgewood, N. J.
- STEVENS, MARY SYDNEY, A.M. 1914, A.B. Adelphi 1909, *Latin, Greek*.....Scarsdale, N. Y.
- STEVENSON, JOHN MCGOWN, A.B. Otago (New Zealand) 1912, *Philosophy*.....Garfield, N. J.
- STEWART, ELENOR GRACE, A.M. 1915, B.S. 1911, *Botany*.....Pittsburgh, Pa.
- STILES, KATHERINE T., A.B. Maryville 1907, *English*.....Ricksford, Tenn.
- STIMSON, DOROTHY, A.M. 1913, A.B. Vassar 1912, *History, Politics, Public Law*.....New York City
- STITT, ADELAIDE MARGUERITE, A.B. 1914, A.B. Wellesley 1914, *Sociology*.....New York City
- STOBAUGH, CHARLOTTE W., A.B. 1915, *German*.....Englewood, N. J.
- STONE, CLARENCE GEORGE, JR., E.E. 1915, *Math. Physics, Mathematics*.....Mt. Vernon, N. Y.
- STONE, STEPHEN GRANT, *Economics*.....New York City
- STOUT, GLADYS, A.B. Bryn Mawr, 1909, *Slavonic*.....New York City
- STONE, ROSEMARY, A.B. Hunter 1910, *English*.....New York City
- STOWELL, CECILE ROBERTS A.B. Radcliffe 1902, *History*.....New York City
- STRAUS, GLADYS G. (n. m.), *History*.....Purchase, N. Y.
- STRAUS, SARAH (n. m.), *History*.....New York City
- STRAUSS, PRESTON FRANKLIN, A.M. 1915, *History, Germanics*.....New York City
- STREET, CHARLES LARRABEE, A.B. Yale 1914, *Philosophy*.....Chicago, Ill.
- STREETER, DANIEL DENISON, B.S. 1909, *Zoology*.....New York City
- STRIETER, OTTOMAR GEORGE, A.B. Nebraska 1915, *Chemistry*.....Seward, Neb.
- STROM, FRANK EDWARD, B.S. C. C. N. Y. 1915, *Mathematics*.....New York City
- STROPE, LEOLA, A.B. Kansas 1902, *History*.....Chanute, Kan.
- STRUMPF, BENJAMIN, A.B. C. C. N. Y. 1915, *Economics*.....New York City
- STUART, DONALD CAMERON, *English*.....Syracuse, N. Y.
- STUART, FLORA, B.S. 1905, *English*.....Weytheville, Va.
- STURDEVANT, LEAH RUTH, A.B. Adelphi 1915, *History*.....New York City
- SUGIURA, KANEMATSU, B.S. Bklyn. Polytechnic 1915, *Chemistry*.....New York City
- SULLIVAN, ALICE STEPHANIE, B.S. 1911, *History*.....New York City
- SULLIVAN, ETHEL VAN ZANDT, A.B. Wellesley 1905, *English*.....Stelton, N. J.
- SUTTON, W. HARRY, B.S. Wesleyan 1914, *Sociology*.....Paterson, N. J.
- SWAIN, JOSEPH WARD, A.B. 1912, A.M. Harvard 1913, *History, Philosophy*.....Helena, Mont.
- SWAN, STEWART DUFFIELD, A.B. Monmouth 1912, *Chemistry, Mineralogy*.....University, Miss.
- SWANN, HARVEY JULIAN, A.B. Brown 1905, A.M. Harvard 1906, *French, Spanish, Comparative Literature*.....New York City
- SWENSON, ERNEST SIEGFRIED, A.B. Tufts 1912, *Germanic Languages*  
Medford, Mass.
- SYDNOR, MARY VIRGINIA, A.B. Richmond 1913, *History*.....Richmond, Va.
- SYMMES, AGNES LOUISE (n. m.), *Chinese*.....New York City
- SZE, YING Tse-Yü B.S. Massachusetts Inst. Tech. 1914, *Mechanical Engineering*.....Shanghai, China
- TAFT, DONALD REED, A.M. 1915, A.B. Clark 1914, *Sociology, Economics, History*.....Worcester, Mass.
- TAI, EU-SAI, A.M. 1915, A.B. St. John's 1913, *International Law, Constitutional Law, Economics*.....Hongkong, China

### 398 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- TAINTOR, SARAH AUGUSTA, A.M. 1906, A.B. Elmira 1898, *English, Comparative Literature*.....East Avon, N. Y.
- TAISTRA, SOPHIE AMY, A.B. Hunter 1914, *Botany*.....Hoboken, N. J.
- TAKAHASHI, SIEGO, A.B. Waseda (Japan) 1913, A.M. 1914, *Public Law*.....New York City
- TALLMAN, GLADYS GRIFFITH, A.B. 1911, A.M. 1913, *Psychology, Education*.....New York City
- TANNER, HERMAN B., A.B. C. C. N. Y. 1906, *English*.....New York City
- TANZOLA, JOHN JOSEPH, A.B. 1914, A.M. 1915, *Mathematics, Physics, Education*.....New York City
- TAPLIN, EARL GARFIELD, B.S. 1905, *Mathematics*.....Oswego, N. Y.
- TARR, RUSSELL STORY, A.B. Cornell 1915, *Geology*.....Ithaca, N. Y.
- TAYLOR, CHAS. KEEN, B.S. Pennsylvania, 1905, A.M. 1910, *Psychology, Education*.....Philadelphia, Pa.
- TAYLOR, EARL ALPHONSO, A.B. Wilberforce 1915, *Latin*.....Houston, Tex.
- TEA, MARIE ANTOINETTE, A.M. 1914, A.B. Hunter 1905, *French*.....New York City
- TELLER, CHESTER JACOB, A.B. Haverford 1905, A.M. 1906, *Economics*.....Grantwood, N. J.
- TERRY, LEON, B.S. Massachusetts Agri. Coll. 1912, *Chemistry, Bacteriology*.....Springfield, Mass.
- THATCHER, ANNA SUSANNAH, B.L. Smith 1896, *German, Comparative Literature*.....Winona, Minn.
- THOMAS, ANITA, B.S. 1915, *Spanish*.....New York City
- THOMAS, HARRISON COOK, A.B. Hamilton 1909, *History, Politics*.....New York City
- THOMAS, J. FRANKLIN, A.B. Beloit 1904, *Sociology, Economics, Public Law*.....Hollis, L. I.
- THOMASER, EDMUND A., B.S. 1914, A.M. 1916, *German*.....New York City
- THOMAS, LUCY BLAYMY, A.B. Kansas 1911, *English*.....Lebanon, Ky.
- THOMAS, RALPH CLARK, A.B. Harvard 1896, M.D. 1902, *Social Economy*.....New York City
- THOMPSON, DONNA FAX, A.B. Indiana 1913, A.M. 1914, *Sociology, Economics, History*.....Indianapolis, Ind.
- THOMPSON, EDITH MARSHALL A.B. Radcliffe 1900, *Mathematics*.....New York City
- THOMPSON, ERNEST CHARLES, B.S. 1910, *Chemistry*.....New York City
- THOMPSON, ETHEL GRACE, A.B. Alma 1915, *English*.....Caseville, Mich.
- THOMPSON, ROBERT NEAL, B.S. Peabody 1905, *Physics*.....Missoula, Mont.
- THOMSON, JAMES CLAUDE, B.S. Rutgers 1910, M.S. 1911, *Sociology*.....New Brunswick, N. J.
- THORNE, ANNA BUZBY, *History*.....New York City
- THURSTON, HENRY WINFRED, B.S. Illinois 1915, *Botany*.....New Milford, N. J.
- TIMMONS, WOFFORD COLQUITT, A.B. Southwestern 1913, *Sociology* Newark, N. J.
- TIMONEY, MARY JOSEPHINE, A.B. Mount St. Vincent 1914, *English*.....New York City
- TINCKOM-FERNANDEZ, WILLIAM GEORGE (n. m.), *History*.....New York City
- TINKER, RUTH, A.B. Bryn Mawr 1915, *German*.....Stamford, Conn.
- TINNEY, MARY CATHERINE, A.B. Adelphi 1909, A.M. Chicago 1910, *Social Economy, Sociology, History*.....New York City
- TOBIN, JAMES LEO, B.S. N. Y. Univ. 1911, Pd.M. 1908, *History*.....New York City
- TOBIN, KATE HAGOOD, A.B. 1915, A.B. Asheville 1903, *French*.....Sumter, S. C.
- TOLFREE, MAY (n. m.), *Philosophy*.....New York City
- TOMIMAS, SHUTARO, *Public Law*.....Karatsu, Japan
- TOMLIN, STELLA MILLICENT, A.B. Adelphi 1905, *Mathematics*.....New York City
- TOMLINSON, WESLEY DURAND, Ph.B. Yale 1915, *Highway Engineering*.....Shelton, Conn.
- TONOUCHI, KINSAKU, A.B. Michigan 1913, *International Law*.....Japan
- TOWNSEND, MARY EVELYN, A.B. Wellesley 1905, *History*.....Elizabeth, N. J.
- TRACY, GROVER, A.B. Pennsylvania 1909, *Bio-Chemistry*.....Lineboro, Md.

- TRACY, MARY LOUISE, Ph.B. Vermont 1903, *English*.....Shelburne, Vt.
- TRAUGOTT, MAY, A.B. Hunter 1912, *Mathematics*.....New York City
- TRAUSIL, OTTO JOHANNES, A.B. 1915, *German*.....New York City
- TSAI, HSIANG (n. m.), E.M. Colorado 1915, *Metallurgy*.....Hankow, China
- TUCKER, DONALD S., A.B. Colorado 1906, *Economics, Sociology, Public Law*.....New York City
- TUCKER, ROBERT LEONARD, A.M. 1915, A.B. Wesleyan 1913, *History*.....New York City
- TULCHEN, LENA, A.B. Hunter 1915, *German*.....New York City
- TULLAR, IRVING MEREDITH, A.B. Albion 1915, *Economics*.....New York City
- TURNBULL, ANNIE GRACE, A.B. 1908, *History*.....Orange, N. J.
- TUTTLE, ANNA DEMOTT (n. m.), A.B. Vassar 1905 *History*.....New York City
- TUTTLE, JOHN ROSS, A.M. Queens (Canada) 1912, *Chemistry*.....Tweed, Canada
- TWEEDY, MARY MURDOCH, A.B. Smith 1911, *Botany*.....New York City
- TYLER, EDWARD ERNEST, B.D. Howard 1908, B.D. Drew Theo. Sem. 1914, *History*.....Madison, N. J.
- UCHUKE, RENKICHI (n. m.), *Economics*.....Kobe, Japan
- ULMANN, CARL JOSEPH (n. m.), *Mathematics*.....New York City
- ULREY, CLAYTON, A.B. Indiana 1911, A.M. Maine 1913, *Physics, Mathematics*.....North Manchester, Ind.
- VAN DOREN, MARK ALBERT, A.B. Illinois 1914, A.M. 1915, *English, Comparative Literature*.....Urbana, Ill.
- VAN HOESSEN, GERTRUDE, Ph.B. Chicago 1912, *Economics*.....Chicago, Ill.
- VAN KLEECK, MARY, A.B. Smith 1904, *Social Economy, Political Economy, History*.....New York City
- VAN SANT, CLARA, A.B. Washington 1910, *English*.....Victoria, Canada
- VARTANIAN, VAHAN, A.B. Anatolia 1910, *Psychology*.....Talas, Turkey
- VAUGHAN, EDWARD G. (n. m.), LL.B. 1889 *International Law*.....New York City
- VERNON, JOSEPH BOYCE, A.B. Wake Forest 1911, *Economics, Sociology, History*.....Burlington, N. C.
- VER PLANCK, JUDAS CROMMELIN (n. m.), B.S. 1904, *History*.....New York City
- VONNARDROFF, ROBERT, A.M. 1915, A.B. Harvard 1915, *Physics, Mathematics*.....New York City
- VON VOIGHTLANDER, MARTHA C. L., B.S. 1914, *German*.....Trenton, N. J.
- VOORHEES, JOHN HARING, B.S. Rutgers 1911, *Economics*.....Mendham, N. J.
- VOYSE, MARY, A.B. 1913, A.M. 1914, *History, Latin*.....Yonkers, N. Y.
- WADE, JOHN DONALD, A.B. Georgia 1914, A.M. Harvard 1915, *English, Comparative Literature*.....Marshallville, Ga.
- WADSWORTH, EMILY LEONARD, A.B. Smith 1915, *Roman Archaeology*.....Meriden, Conn.
- WAGNER, CLARENCE REINOEHL, A.B. Lehigh 1915, *English*.....Lebanon, Pa.
- WAGNER, FREDERICK CORTLAND, B.S. Northwestern 1913, *Politics, Sociology*.....Chesterton, Ind.
- WALD, ELVA, A.B. Hunter 1915, *Mathematics*.....New York City
- WALLES, HORATIO, JR., A.B. Amherst 1915, *Chemistry, Physics*.....Polo, Ill.
- WALKER, JENNIE ADA, A.B. Rockford 1902, *Chemistry, Bacteriology*.....Rockford, Ill.
- WALKER, SHEAFE, A.B. Yale 1913, *Philosophy*.....Concord, N. H.
- WALL, MARY ELIZA, Ph.B. Syracuse 1908, *Latin*.....Ogdensburg, N. Y.
- WALTER, JEANNE BOOKMAN, *History*.....New York City
- WALTON, LILLIAN SUSIE, A.B. 1914, *Psychology*.....New York City
- WALTON, PAULINE ELLEN, A.B. Oregon 1904, A.M. Northwestern 1906, *History*.....Eugene, Ore.
- WANG, CHENG, A.B. Peking (China) 1913, *History*.....Ninguta, China
- WANG, HUNG CHUEH, E.E. Lehigh 1914, *Physics*.....Tientsin, China
- WANGSHIA, CHIUFU, *Politics*.....Peking, China
- WARD, JAMES SKILLMAN, A.B. Harvard 1909, A.M. Alabama 1911, *German*.....Hartford, Ala.
- WARD, PAUL WILLIAM, A.B. Butler 1914, *Philosophy*.....Lebanon, Ind.

## 400 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

- WARE, CLARA CROSBY, A.M. 1915, A.B. Bryn Mawr 1910, *Zoology*,  
*Palaeontology*.....Hingham, Mass.
- WARE, GERTRUDE MAY, A.B. Wellesley 1904, *Chemistry*.....Hingham, Mass.
- WARREN, GRACE TOWER, A.B. Hunter 1913, *English*.....New York City
- WARREN, HERBERT MARSHALL 2d, A.B. Harvard 1913, *Highway*  
*Engineering*.....Chestnut Hill, Mass.
- WASHBURN, MILDRED, (n.m.), A.B. Wellesley 1912, *English*.....Duluth, Minn.
- WASHINGTON, FORRESTER BLANCHARD, A.B. Tufts 1909, *Social Econ-*  
*omy*.....West Medford, Mass.
- WATANABE, JOKICHI, (n.m.), *Economics*.....Omari Pokyofu, Japan
- WATKINS, MALVINA KEMP, A.B. Trinity 1903, *English*.....Waxahachie, Tex.
- WATSON, LUCIA NORWOOD, B.L. Greenville Woman's Coll. 1913, A.B.  
Tennessee 1915, *English*.....Greenville, S. C.
- WATSON, MARGARET WICKHAM, A.B. 1913, *French*.....New York City
- WEAVER, CHRISTIAN, (n.m.), B. Chem. Cooper Union 1910, *Chemis-*  
*try*.....New York City
- WEBB, CLAUDE ALLEN, B.C.E. Arkansas 1912, *Highway Engineering*  
Tipton, Okla.
- WEBBER, ALICE JULIETTE, A.B. 1915, *History*.....New York City
- WEBER, PAUL WILLIAM, *German*.....Hoboken, N. J.
- WEBSTER, EDWARD JEROME, A.B. Yale 1914, *Sociology*.....New York City
- WEBSTER, FLORENCE, A.B. Wellesley 1912, A.M. 1914, *Philosophy*,  
*Mathematics*.....Haverhill, Mass.
- WEEKS, ESTELLA TERRY, B.S. 1906, A.M. 1913, *Sociology, History*  
New York City
- WEINBERG, AARON O., A.B. C. C. N. Y. 1914, *Economics*.....New York City
- WEINSTEIN, ALEXANDER, B.S. 1913, A.M. 1914, *Zoology, Physiology*  
New York City
- WEIRICH, MAJORIE CECILIA, A.B. Hunter 1907, *English*.....New York City
- WEISS, CHARLES, B.S. C. C. N. Y. 1916, *Philosophy*.....New York City
- WEISS, HARRY, C.E. 1913, A.M. 1915, *Bacteriology, Chemistry*...New York City
- WELDON, BEULAH, A.B. 1915, *Psychology*.....New Rochelle, N. Y.
- WELLER, SALLIE BELLE, A.B. Texas 1909, *History*.....Dallas, Tex.
- WELLS, KATHERINE ZERUAH, A.B. Vassar 1915, *Social Economy*  
White Plains, N. Y.
- WENDELL, MAX GODFREY, A.B. 1901, *German*.....New York City
- WERNER, OSCAR HELMUTH, A.B. Central Wesleyan 1910, A.M. North-  
western 1912, *German*.....New York City
- WEST, HELEN COPLAND, B.A. Vassar 1915, *English*.....Montclair, N. J.
- WHALING, HORACE MORLAND, JR., A.B. Texas 1903, B.D. Vander-  
bilt 1907, *History*.....Dallas, Tex.
- WHEELER, JULIA SMITH, A.B. Smith 1902, *History*.....New York City
- WHELAN, FRANCIS RAYMOND, A.B. 1914, *German*.....New York City
- WHITE, CHARLES FRANCIS, A.B. Bowdoin 1914, *Comparative Litera-*  
*ture*.....Methuen, Mass.
- WHITE, DOROTHY EVELYN, A.B. Hunter 1915, *Mathematics*.....New York City
- WHITE, LEDA FLORENCE, A.B. Bryn Mawr 1904, A.M. Pennsylvania  
1913, *Sociology, Economics, History*.....Philadelphia, Pa.
- WHITEFORD, MARGARET BARTLETT, B.S. 1914, A.M. 1915, *English*,  
*Comparative Literature*.....New York City
- WHITEHURST, ELIZABETH CURTIS, A.B. Hunter 1915, *Politics*....New York City
- WHITNEY, FLOY FISK, B.L. Syracuse 1901, Pd.B. New York State  
Teachers College 1903, *English*.....Stamford, Conn.
- WICKES, FRANCES GILLESPIY, (n.m.), *English*.....New York City
- WICKWIRE, ETHEL W., *Physiology*.....Angala, Ind.
- WILBER, RUBY BIRD, A.B. 1915, *Botany*.....Sound Beach, Conn.
- WILLIAMS, GEORGE LIVINGSTON, A.B. Georgia 1913, *Economics*  
Lawrenceville, Ga.



WILLIAMS, HOWARD REES, A.B. Western Reserve 1904, <i>History</i> ..	New York City
WILLIAMS, LESSING, A.B. Williams 1915, <i>Indo-Iranian</i> .....	New York City
WILLIAMS, MARY EMMA, A.M. 1915, Ph. B. Wesleyan 1899, <i>Latin</i>	New York City
WILLIS, HAROLD GUSWELL, (n.m.), <i>Philosophy</i> .....	Sutton West, Ontario, Canada
WILLS, ALVIN LAMAR, A.B. Transylvania 1914, <i>Sociology</i> ....	Bloomington, N. J.
WILLS, HELEN HOLTON, A.B. Northwestern 1908, <i>Comparative Literature</i> .....	Bloomington, N. J.
WILSON, PEARL CLEVELAND, A.M. 1905, A.B. Vassar 1904, <i>Greek, Latin, Music</i> .....	New York City
WINFREY, LEWIS EDGAR, A.B. Arkansas 1909, <i>German</i> .....	Conway, Ark.
WINTERROWD, PRUDENCE, (n.m.), <i>Economy, Philosophy, History</i> ..	New York City
WISE, HELEN WEST, A.B. Emporia 1898, <i>Economics</i> .....	East Orange, N. J.
WITSON, ALBERT ALLEN, B.S. Colgate 1912, <i>Psychology</i> .....	New York City
WOHLFARTH, AMELIA, A.B. 1899, A.M. 1900, <i>German</i> .....	Asheville, N. C.
WOLFE, BERTRAM D., A.B. C. C. N. Y. 1916, <i>English</i> .....	New York City
WONG, JOHN, B.S. Wisconsin 1914, <i>Chemistry</i> .....	Peking, China
WOOD, EDITH ELMER, B.L. Smith 1890, <i>Social Economy</i> .....	Washington, D. C.
WOOD, MARY MORTON, A.M. Radcliffe 1906, <i>Comparative Literature, English</i> .....	New York City
WOOD, NORMA, (n. m.), A.B. Arkansas 1896, <i>English</i> .....	Van Buren, Ark.
WOODS, MATHILDA C., A.B. Wellesley 1902, <i>Sociology</i> .....	Rapid City, S. D.
WOODMAN, CHARLES ALEXANDER, A.B. Amherst 1902, <i>History</i> ..	Wakefield, Mass.
WOODWARD, HENRY GUY, A.B. Michigan 1911, M.S. Chicago 1914, A.M. Montana 1915, <i>Mathematics, Chemistry, Physics</i> .....	Frankfort, Mich.
WOOTTON, JOHN EDENDEN, A.B. Hobart 1914, <i>History</i> .....	Waterloo, N. Y.
WORSTELL, HELEN SKINNER, A.B. Smith 1914, <i>History</i> .....	New York City
YANG, KWEN E., A.M. 1913, <i>Economics, Sociology, Public Law</i> ..	Shanghai, China
YANO, TSURAKI, (n.m.), <i>Economics</i> .....	Yamaguchi, Japan
YASUI, SEIKI, A.B. Waseda (Japan) 1906, <i>Politics</i> .....	Kataji, Japan
YEGHENIAN, AGHAVNIE YEGHIA, (n. m.), A.B. Constantinople 1915, <i>Economics</i> .....	Constantinople, Turkey
YOUNG, BENJAMIN FRANKLIN, A.B. Ohio Wesleyan 1913, <i>Sociology, Economics, History</i> .....	Chandlersville, O.
YOUNGHAM, EDITH CAROL, A.B. Hunter 1914, <i>English</i> .....	New York City
ZEYDEL, EDWIN HERMAN, A.B. 1914, A.M. Cornell 1915, <i>Germanics</i> .....	New York City
ZEHN, MIN SHON, B.S. Mass. Inst. Tech. 1914, <i>Physics</i> .....	Shanghai, China
ZINCO, EDITH BIANCA, A.B. Hunter 1914, <i>English</i> .....	New York City
ZUISSE, JOHN SCHARMAN, A.B. Harvard 1915, <i>Chemistry</i> .....	Hastings, N. Y.
ZORN, FRIEDA, A.B. Cornell 1908, <i>German</i> .....	New York City

In addition to the 1570 candidates for the degree of Master of Arts or Doctor of Philosophy and non-matriculants, 654 are registered under the Faculty of Philosophy with Education as their subject of major interest and 77 are registered as unclassified graduates. The names of these candidates appear in the list of graduate students under Teachers College (see page 425).

## SUMMARY

STUDENTS PRIMARILY REGISTERED UNDER THESE FACULTIES.....	2301
STUDENTS FROM OTHER FACULTIES OF THE UNIVERSITY CANDIDATES FOR THE DEGREE OF A.M., LL.M., OR PH.D.:	
From the School of Law.....	30
From the School of Mines, Engineering, and Chemistry....	1
From the School of Medicine.....	3
Grand Total.....	2335

## 402 POLITICAL SCIENCE, PHILOSOPHY, PURE SCIENCE

1023 students matriculated under the Faculties of Political Science, Philosophy, or Pure Science attended the Summer Session of 1915 but did not register for the academic year 1915-16.

DISTRIBUTION OF GRADUATE REGISTRATION

	Political Science		Philosophy		Pure Science		Total	
	Major	Minor	Major	Minor	Major	Minor	Major	Minor
Biology.....	...	2	...	12	89	49	89	63
Chemistry.....	...	...	...	2	67	33	67	35
Classical Philology.....	...	3	33	28	...	...	33	31
Education.....	...	16	373	44	...	9	373	69
Engineering.....	...	...	...	...	23	6	23	6
Geology and Mineralogy.....	...	1	...	...	31	36	31	37
History, Economics and Public Law.	436	267	...	105	...	1	446	373
Mathematics and Physical Science..	...	...	...	39	70	42	70	82
Mining and Metallurgy.....	...	...	...	...	8	7	8	7
Modern Languages and Literatures..	...	7	285	191	...	2	285	200
Music.....	...	...	...	2	...	...	...	2
Oriental Languages.....	...	6	16	15	...	1	16	22
Philosophy, Psychology and Anthro- pology.....	...	17	88	57	...	...	88	77
Total.....	436	319	795	495	288	190	1529	1004

# REGISTER OF STUDENTS

## SCHOOL OF ARCHITECTURE

### Candidates for Degree

ARNAUD, LEOPOLD, A.B. Lycée Janson de Sailly.....	Paris — New York
BAIL, FRANK W.....	Cleveland
BARNUM, PHELPS, A.B. Yale 1913.....	Mamaroneck, N. Y.
BELKNAP, MAITLAND, Litt.B. Princeton 1912.....	New York City
BICKEL, REDDICK H.....	San Francisco
BRINCKERHOFF, HAROLD T., B.S. Columbia 1914.....	New York City
BUCK, RICHARD S., C. E. Renss. Poly. Inst. 1915.....	New York City
CLARK, BIRGE M., A.B. Stanford 1914.....	Stanford Univ., Cal.
COBB, BOUGHTON, S.B. Harvard 1915.....	New York City
COX, DOROTHY H.....	Terre Haute, Ind.
DERRICK, ROBERT O., A.B. Yale 1913.....	New York City
DIXON, PAUL W.....	Des Moines, Ia.
EVERSON, DUANE REGINALD, Senior in College.....	New York City
FOWLER, ROBERT L., JR., A.B. Columbia 1910.....	New York City
GENTRY, ALONZO H.....	Independence, Mo.
HOFFMAN, MURRAY, B.A. Harvard 1912.....	New York City
KAHN, MILDRED R., B.A. Wellesley 1914.....	Milwaukee, Wis.
KILBORN, ROBERT C.....	Yonkers, N. Y.
KONARSKI, MICHEL M., B.S. Columbia 1914.....	New York City
McFARLAND, ALLAN P., A.B. Stanford 1909, Ph.B. and J.D. Chicago 1910-11.....	New York City
MAUSOLFF, ALFRED K., A.B. Musterschule Frankfurt on Main, Germany.....	Scarsdale, N. Y.
MATTHEWS, STANLEY, A.B. Princeton 1913.....	New York City
MILLER, DARYL B., A.B. Columbia 1915.....	New York City
MISELL, DONALD G., Litt.B. Princeton 1915.....	Easton, Pa.
MORGAN, SHERLEY W., A.B. Princeton 1913.....	Cincinnati, O.
MORSE, WALTER C. B.....	Washington, D. C.
NOMLAND, KEMPER.....	Buxton, N. D.
PURDY, CARL, B.S. Colgate 1915.....	Saratoga Springs, N. Y.
ROBINSON, ALEXANDER C., 3rd, A.B. Princeton 1914.....	Sewickley, Pa.
ROOT, GEORGE F., Litt.B. Princeton 1911.....	New York City
SANDS, WALTER H., B.S. Columbia 1915.....	New York City
SCHWARZ, HENRY E.....	New Orleans, La.
TWITCHELL, RALPH S., A.B. Rollins College 1910.....	Winter Park, Fla.
WEEKS, WILLIAM C., A.B. Columbia 1913.....	Huntington, N. Y.
WILCOX, ROLLIN C., A.B. Princeton 1912.....	Bloomington, Ill.
WILSON, WALTER F., A.B. Nebraska 1914.....	Lincoln, Neb.

### Candidates for Certificate

ADLER, MORRIS B.....	New York City
BAKER, JOHN L.....	New York City
BINGER, PETER A.....	Yonkers, N. Y.
BOLAND, JOHN R.....	New York City
BRODSKY, FRANK.....	Astoria, L. I.
BROWN, E. GORDON.....	New York City
BURKE, HERBERT J.....	Roanoke, Va.
CANNON, CHARLES M., JR.....	New York City
CASASUS, LEON.....	New York City

CLOUGH, ARTHUR N.	New York City
COHEN, HENRY	New York City
COIT, RICHMOND T.	S. Orange, N. J.
COOK, VERA BELLE	Spokane, Wash.
DOBSON, DAVID S.	Canastota, N. Y.
DOWNING, JOHN F.	Atlanta, Ga.
FINKELSTEIN, HARRY	New York City
FISHER, ALFRED J., JR.	New York City
FLETCHER, DONALD A.	Richmond Hill, N. Y.
FRANKEL, ABNER	Mt. Vernon, N. Y.
GAMBA, MANUEL	Havana, Cuba
GARNJOST, WILLIAM T. S.	Yonkers, N. Y.
GRACE, WILLIAM W.	Salt Lake City, Utah
GREEN, HERBERT P.	Kansas City, Mo.
GREENBERG, JULIUS R.	New York City
HALL, GEORGE B.	New York City
HANES, Neibert B.	Springfield, O.
HARTLEY, ESDRAS C.	New York City
HERNANDEZ, CHARLES P.	Habana, Cuba
JOCELYN, Miss L. E.	Burlington Vt.
JONES, WARNER H.	New York City
KOHN, ALFRED Z.	New York City
LEE, HOMER R.	New York City
LEVY, JOSEPH, JR.	New York City
LOESCHER, FREDERICK E.	Harrison, N. Y.
LOMBARDI, ANTHONY	New York City
MCCORMICK, PAUL J.	New York City
McFADDEN, JAMES L.	W. N. Brighton, N. Y.
MORSE, DANIEL C.	Valley View Farm, Washington, D. C.
MURPHY, BRENDAN	New York City
OHTA, SOTARO Y.	Tokyo, Japan
PAUFER, REYNOLD E.	New York City
PEARE, HOWARD B.	Yonkers, N. Y.
PODOLOFF, DAVID	New Haven, Conn.
RISLEY, WINCHTON L.	San Diego, Cal.
RUDD, JOHN S.	New York City
SAFIER, ISIDORE	New York City
SELIKOWITZ, WILLIAM	New York City
SIELIG, IRVING A.	New York City
SPURGEON, ROBERT H., JR.	New York City
VAN NAME, CARL S.	Flushing, N. Y.
WAYCOTT, FREDERIC H.	Montreal, Canada
WETSTEIN, JACOB	New York City
WINSLOW, JOHN C.	Middletown, N. Y.

#### Non-Matriculated

DE ROSA, EUGENE	New York City
REDMOND, JOHNSTON L.	New York City
SOHN, JOHN G. C.	Indianapolis, Ind.
THAYER, EDGAR R.	Yonkers, N. Y.

#### SUMMARY

Candidates for Degree	35
Candidates for Certificate	53
Non-matriculated Students	4
Total Architecture	92
Deduct Columbia College Students	1
Net Total Architecture	91

# REGISTER OF STUDENTS

## SCHOOL OF JOURNALISM

### FOURTH YEAR — CLASS OF 1916

ACKER, JAMES GORDON.....	New York City
AUSTRIAN, DELIA, B.S., Ph.B. Univ. of Chicago 1888, A.M. Sorbonne (Paris) 1914.....	Chicago, Ill.
BERND, AARON BLUM, A.B. Univ. of Georgia 1914.....	Macon, Ga.
COPELAND, LELAND STANFORD, A.B. George Washington Univ. 1915 Washington, D. C.	
DODGE, STUART PHELPS, A.B. Yale 1914.....	New York City
DOYLE, EDWARD RICE.....	Buffalo, N. Y.
DUFFY, WARD EVERETT, B.S. Trinity 1915.....	Hartford, Conn.
DUNKIN, ROSALIND FRANCES.....	New York City
FELIX, PAULINE ALLEGRA.....	New York City
GEFFEN, MAXWELL MYLES.....	New York City
GRUNBERG, ISIDOR ALFRED.....	New York City
HAYS, LELAND, A.B. 1910.....	New York City
JACKSON, JOE ASHURST, B.S. Kentucky Wesleyan 1913.....	Winchester, Ky.
KENNEDY, ANNA CLARK, A.B. Vassar 1915.....	Hudson, N. Y.
KLEIN, ISRAEL.....	New York City
KWONG, HSU KUN, Litt.B. Princeton 1914.....	Shanghai, China
LEARY, WARREN DENIS.....	New York City
ROBERTS, MRS. HENRIETTE WITKE.....	Westfield, N. J.
ROSS, MARY ELIZABETH, A.B. Vassar 1915.....	Buffalo, N. Y.
ROVELSTAD, ERNEST ANDREW, A.B. St. Olaf College 1912.....	Elgin, Ill.
SPIERO, GERALD.....	Galeton, Pa.
TOLISCHUS, OTTO DAVID.....	New York City
WENDOVER, SANFORD HUTTON.....	Warwick, N. Y.
WHITE, BETTY TRUMBULL.....	New York City
WILLIAMS, MAYNARD OWEN, Ph.B. Kalamazoo College 1910...	Kalamazoo, Mich.

### THIRD YEAR — CLASS OF 1917

CHANCELLOR, MARIE LOUISE (Senior in Barnard College).....	Wooster, O.
DANAHY, JAMES WILLIAM.....	Buffalo, N. Y.
FOSTER, LEON.....	New York City
FOX, ALICE CHARLOTTE.....	New York City
HAYSEN, HELEN ANNE.....	Oldenburg, Germany
HOLMAN, EDITH, A.B. Smith College 1908.....	New York City
KEATING, RALPH, A.B. Mt. St. Mary's College 1914.....	New York City
McKINNEY, GUY DOANE, A.B. 1915.....	Fort Dodge, Ia.
MARSHALL, JAMES.....	New York City
MYERS, MILDRED AUDREY.....	New York City

NICHOLS, DOROTHY BEATRICE.....	Jamaica, N. Y.
PERLMAN, PHYLLIS.....	New York City
PITTS, FREDRIC GARDNER.....	Warwick, N. Y.
ROBERTS, GEORGE BASSETT.....	Ossining, N. Y.
ROSENTHAL, RUTH JEANNETTE, A.B. Hunter 1915.....	New Rochelle, N. Y.
ROTHMAN, ABRAHAM.....	Centerville Station, N. Y.
RUKEYSER, MERRYLE STANLEY.....	New York City
RYSKIND, MORRIS.....	New York City
SEADLER, SILAS FRANK.....	New York City
SERMOLINO, MARIA.....	New York City
SMITH, PALMER.....	Fairbury, Neb.
SMITH, RALPH BEVIN.....	Bridgeport, Conn.
SOKOLSKY, GEORGE EPHRAIM.....	New York City
STERN, DONALD MACGREGOR.....	New York City
TEMPLE, ALAN HARRISON.....	Collingswood, N. J.
THACHER, CLIFTON OTIS (Senior in Columbia College).....	North Dartmouth, Mass.
UHLIG, SILVIA ERNESTINE.....	New York City
WELLMAN, WAYNE.....	Chicago, Ill.

## SECOND YEAR — CLASS OF 1918

BRACKETT, ANNA SPEED, A.B. Normal College 1894.....	New York City
COOK, SIDNEY PERRY, A.B. Alma College 1915.....	Alma, Mich.
DAVIDSON, HERBERT MARC.....	Kansas City, Mo.
DEBORSKY, MORRIS.....	New York City
EAGER, EDWARD NORTON.....	New York City
EVANS, MARY FRANCES, A.B. Trinity 1915.....	La Crosse, Wis.
FOSTER, ISABEL, A.B. Bryn Mawr 1915.....	Portsmouth, N. H.
HARDENBERGH, WESLEY.....	White Sulphur Springs, N. Y.
HART, LORENZ MILTON.....	New York City
HOUGH, HENRY BEETLE.....	New Bedford, Mass.
KAHN, JAMES.....	New York City
KIRWIN, CAROLYN, A.B. Trinity 1915.....	New York City
LAHEY, THOMAS AQUINAS, Litt.B. Notre Dame 1911, S.T.B. Catholic Univ. 1915.....	Notre Dame, Ind.
LOVEJOY, CLARENCE EARLE.....	Pittsfield, Mass.
LUCE, RALPH WALDO.....	Milford, Mass.
MALONE, JOSEPH RALPH.....	Pittsford, N. Y.
MANN, LOUIS RICHMAN.....	Cobleskill, N. Y.
MAXON, HARRIET, A.B. Univ. of Wisconsin 1911.....	Milwaukee, Wis.
NAYLOR, DOUGLAS OLIN, A.B. Simpson College 1915.....	Bagley, Ia.
NOYES, EMILY GIFFORD, A.B. Bryn Mawr 1915.....	Providence, R. I.
PHILLIPS, CHARLES FRANCIS.....	New York City
PRATT, LOWELL CLARK.....	Pomona, Cal.
RISELEY, JOSEPH HIGGINS, 3d.....	Cooks Falls, N. Y.
ROSEN, ALBERT.....	New York City
SANGER, ELLIOTT MAXWELL.....	New York City
SCULLY, FRANCIS JOSEPH.....	New York City
SEADLER, ALBERT BERNARD.....	New York City
SOWAR, LEONARD S.....	Muncie, Ind.
SWIFT, OTIS PEABODY.....	Hastings-on-Hudson, N. Y.
TOPALIAN, ASVADZADOOR BARKEV.....	New York City
WEISS, ERNEST ALFRED.....	Forest Hills Gardens, N. Y.
WHITE, GEORGE MONROE.....	Winthrop, Mass.
WINKLER, MOSE HARRY.....	Meridian, Miss.

## FIRST YEAR — CLASS OF 1919

The following students are taking the first year of the course in Journalism, and are subject to the educational control of the Faculty of Columbia College:

ADAMS, WALTER CAMP	Middletown, N. Y.
BECKMAN, ROBERT W.	Altoona, Pa.
BEUTICK, MARSHALL DON	New York City
BROWN, WILLIAM SLATER	Webster, Mass.
CARLL, SEYMOUR EDWARDS	New York City
COHEN, GEORGE	New York City
COOLEY, JOHN LANDON	Amsterdam, N. Y.
CURRY, ROBERT ARTHUR	Nassau, Bahama Islands
DAVIDSON, GUSTAV	New York City
FELSHIN, SIMON MENASSEH	New York City
FEREBEE, SAMUEL HARRELL	Norfolk, Va.
GARFUNKEL, LOUIS	New York City
GINZBURG, BENJAMIN	New York City
HENDERSON, ALEXANDER GEORGE	Bayonne, N. J.
HILLER, JESSE THOMPSON	Port Jervis, N. Y.
HITCHINS, PARK RUSSELL	Olive Hill, Ky.
HYDE, FRANKLIN OLIVER	New York City
JONES, CHARLES REED	New York City
KARCH, JOSEPH	Gloversville, N. Y.
KENT, GEORGE	New York City
KRANOWITZ, WILLIAM CARL	New Britain, Conn.
LEVENSON, LEWIS FREIBERG	Rochester, N. Y.
LUKE, GEORGE CARL	Fredonia, N. Y.
MANGUM, ROY LAMBERT	Glens Falls, N. Y.
MILLS, RAYMOND TOWER	Waltham, Mass.
MITCHELL, GRANGER PETER	Fort Dodge, Ia.
MORITZ, FRANK LIVINGSTON	New York City
MURPHY, THOMAS	New York City
O'TOOLE, EDWARD	Ossining, N. Y.
POPPER, LOUIS JOHN	Newark, N. J.
RENNIE, CECIL RUTHERFORD	New York City
RENWICK, JOHN SCOTT	Princeton, N. J.
RICHMOND, RALPH SKINNER	Albany, N. Y.
SEACREST, FREDERICK SNIVELY	Lincoln, Neb.
SIMON, ROBERT ALFRED	New York City
SLAGLE, CHRISTIAN WOLFF SEWARD	Pullman, Wash.
WASSON, ROBERT GORDON	Newark, N. J.
WEIMAR, EDWARD WILLIAM, JR.	Port Chester, N. Y.
WEINSTEIN, AARON	New York City
WERNER, MORRIS ROBERT	New York City
WESTWOOD, RICHARD WILBUR	Newton, Mass.
WILLSON, ALLAN	New York City
WOOD, WALTER VALENTINE	Watervliet, N. Y.

## NON-MATRICULATED STUDENTS

ARMSTRONG, RALPH FRASER	New York City
FRINK, MAURICE MAHURIN	Elkhart, Ind.
HOUGH, GEORGE ANTHONY	New Bedford, Mass.
HOYEM, OLIVER	Laurium, Mich.
KENNEDY, ARDIS MORRISON	Lansing, Mich.
KNIGHT, ARTHUR STANLEY	Lake George, N. Y.
LAMBERT, PAUL GEORGE	South Manchester, Conn.

MCCORMICK, HERBERT.....	South Manchester, Conn.
McINERNEY, JOHN EDWARD.....	New York City
MELLAMED, HARRY CHARLES.....	Hartford, Conn.
MILLAR, LAURA MCKESSON.....	Upper Montclair, N. J.
MURPHY, CHARLES EDWARD.....	Trenton, N. J.
NORTON, ESTHER KING.....	New York City
ROGERS, HAROLD BENJAMIN, A.B. Earlham College 1914.....	Pendleton, Ind.
SCOTT, FRANCIS EDGAR.....	Collingwood, Ontario

## SUMMARY

Fourth Year — Class of 1916.....	25
Third Year — Class of 1917.....	28
Second Year — Class of 1918.....	33
First Year — Class of 1919.....	43
Non-matriculated Students.....	15
Total.....	143
Deduct Columbia College Students.....	1
Deduct Barnard College Students.....	1
Net Total.....	141



ROTHMAN, ABRAHAM.....	Centerville Station, N. Y.
RUKEYSER, MERRYLE STANLEY.....	New York City
RYSKIND, MORRIS.....	New York City
SEADLER, SILAS FRANK.....	New York City
SERMOLINO, MARIA.....	New York City
SMITH, PALMER.....	Fairbury, Neb.
SMITH, RALPH BEVIN.....	Bridgeport, Conn.
SOKOLSKY, GEORGE EPHRAIM.....	New York City
STERN, DONALD MACGREGOR.....	New York City
TEMPLE, ALAN HARRISON.....	Collingswood, N. J.
THACHER, CLIFTON OTIS (Senior in Columbia College).....	North Dartmouth, Mass.
UHLIG, SILVIA ERNESTINE.....	New York City
WELLMAN, WAYNE.....	Chicago, Ill.

## SECOND YEAR — CLASS OF 1918

BRACKETT, ANNA SPEED, A.B. Normal College 1894.....	New York City
COOK, SIDNEY PERRY, A.B. Alma College 1915.....	Alma, Mich.
DAVIDSON, HERBERT MARC.....	Kansas City, Mo.
DEBORSKY, MORRIS.....	New York City
EAGER, EDWARD NORTON.....	New York City
EVANS, MARY FRANCES, A.B. Trinity 1915.....	La Crosse, Wis.
FOSTER, ISABEL, A.B. Bryn Mawr 1915.....	Portsmouth, N. H.
HARDENBERGH, WESLEY.....	White Sulphur Springs, N. Y.
HART, LORENZ MILTON.....	New York City
HOUGH, HENRY BEETLE.....	New Bedford, Mass.
KAHN, JAMES.....	New York City
KIRWIN, CAROLYN, A.B. Trinity 1915.....	New York City
LAHEY, THOMAS AQUINAS, Litt.B. Notre Dame 1911, S.T.B. Catholic Univ. 1915.....	Notre Dame, Ind.
LOVEJOY, CLARENCE EARLE.....	Pittsfield, Mass.
LUCE, RALPH WALDO.....	Milford, Mass.
MALONE, JOSEPH RALPH.....	Pittsford, N. Y.
MANN, LOUIS RICHMAN.....	Cobleskill, N. Y.
MAXON, HARRIET, A.B. Univ. of Wisconsin 1911.....	Milwaukee, Wis.
NAYLOR, DOUGLAS OLIN, A.B. Simpson College 1915.....	Bagley, Ia.
NOYES, EMILY GIFFORD, A.B. Bryn Mawr 1915.....	Providence, R. I.
PHILLIPS, CHARLES FRANCIS.....	New York City
PRATT, LOWELL CLARK.....	Pomona, Cal.
RISELEY, JOSEPH HIGGINS, 3d.....	Cooks Falls, N. Y.
ROSEN, ALBERT.....	New York City
SANGER, ELLIOTT MAXWELL.....	New York City
SCULLY, FRANCIS JOSEPH.....	New York City
SEADLER, ALBERT BERNARD.....	New York City
SOWAR, LEONARD S.....	Muncie, Ind.
SWIFT, OTIS PEABODY.....	Hastings-on-Hudson, N. Y.
TOPALIAN, ASVADZADOOR BARKEV.....	New York City
WEISS, ERNEST ALFRED.....	Forest Hills Gardens, N. Y.
WHITE, GEORGE MONROE.....	Winthrop, Mass.
WINKLER, MOSE HARRY.....	Meridian, Miss.

## NON-MATRICULATED STUDENTS

ARMSTRONG, RALPH FRASER.....	New York City
FRINK, MAURICE MAHURIN.....	Elkhart, Ind.
HOUGH, GEORGE ANTHONY.....	New Bedford, Mass.
HOYEM, OLIVER.....	Laurium, Mich.
KENNEDY, ARDIS MORRISON.....	Lansing, Mich.
KNIGHT, ARTHUR STANLEY.....	Lake George, N. Y.

LAMBERT, PAUL GEORGE.....	South Manchester, Conn.
McCORMICK, HERBERT.....	South Manchester, Conn.
McINERNEY, JOHN EDWARD.....	New York City
MELLAMED, HARRY CHARLES.....	Hartford, Conn.
MILLAR, LAURA MCKESSON.....	Upper Montclair, N. J.
MURPHY, CHARLES EDWARD.....	Trenton, N. J.
NORTON, ESTHER KING.....	New York City
ROGERS, HAROLD BENJAMIN, A.B. Earlham College 1914.....	Pendleton, Ind.
SCOTT, FRANCIS EDGAR.....	Collingwood, Ontario

## SUMMARY

Fourth Year — Class of 1916.....	25
Third Year — Class of 1917.....	28
Second Year — Class of 1918.....	33
First Year — Class of 1919.....	43
Non-matriculated Students.....	15
Total.....	143
Deduct Columbia College Students.....	1
Deduct Barnard College Students.....	1
Net Total.....	141

# REGISTER OF STUDENTS

## BARNARD COLLEGE

### Seniors — Class of 1916

#### CANDIDATES FOR THE A.B. DEGREE

ACKERMAN, FLORENCE RAYFIELD.....	Orange, N. J.
ALBERT, ESTELLE.....	Mamaroneck, N. Y.
ALBRECHT, BERTHA MARIE.....	New York City
ALEXANDER, BETTY REBA.....	New York City
APPLEY, DAISY MARIE.....	Fleischmann's, N. Y.
AUGUR, HELEN EDITH.....	Albert Lea, Minn.
BAILEY, ALICE MORTIMER.....	New York City
BARNES, GLADYS ORME.....	Rochester, N. Y.
BATTA, MADALEINE ANTOINETTE.....	New York City
BATTLE, ELLA.....	Rocky Mount, N. C.
BIANCHI, ITALA MARIA.....	Orange, N. J.
BLOCH, STELLA.....	New York City
BLONDEL, DOROTHY MARGUERITE.....	New York City
CAMPBELL, MIRIAM LAVINIA.....	Lansing, Mich.
CAROTHERS, FLORENCE EDITH.....	New York City
* CHANCELLOR, MARIE LOUISE.....	Wooster, O.
COHEN, RUTH.....	Watertown, N. Y.
DAVIES, JESSIE HUGHES.....	Edgewater, N. J.
DAVIS, MARGARET FORMAN.....	Oak Grove, Ala.
DEAN, ISABEL.....	New York City
DILLAY, MADELEINE.....	Jersey City, N. J.
DIVINE, MARTHA MILLICENT.....	New York City
DUNPHY, GERTRUDE.....	New York City
EDWARDS, NELLE VIRGINIA.....	Martinsburg, W. Va.
ELLIOTT, ELEANORE DIXON.....	Greensboro, N. C.
EXSTEIN, LILLIAN RAY.....	New York City
FAJANS, CAROLINE RUTH.....	New York City
FISCHER, EDITH LINDEN.....	New York City
FRANKLIN, ALICE DARC.....	New York City
FRASER, DOROTHY ELECTA.....	Yonkers, N. Y.
FRIES, MARGARET EVELYN.....	New York City
GIANELLA, AMALIA FRANCESCA.....	New York City
GROSSMAN, EDITH.....	New York City
GUBNER, PAULINE ANTONIA.....	New York City
HALL, DOROTHY.....	New York City
HALL, ELIZABETH BIGELOW.....	New York City
HARING, EVELYN LOUISE.....	Elizabeth, N. J.
HECHT, RITA.....	New York City
HUBBARD, ELEANOR HEERMANCE.....	Sioux City, Ia.
HULSKAMP, MARJORIE VIRGINIA.....	New York City
KELLNER, MARIE JEANNETTE.....	New York City

\* Candidate for the degree of B.Litt. in Journalism.

KELLY, MARIAN KATHERINE.....	Scranton, Pa.
KENNARD, VIRGINIA GLADYS.....	Tarrytown, N. Y.
KING, MARGARET CHRISTINA.....	New York City
KOHN, CECELIA.....	New York City
LEE, MABEL.....	Canton, China
LINDSAY, MARY.....	New York City
LONIGAN, MARY EDNA.....	New York City
LORENZ, CAROL RAMEY.....	New York City
LUCEY, LOUISE.....	Ogdensburg, N. Y.
MCENTEGART, CATHERINE JOSEPHINE.....	New York City
McKELVEY, RUTH.....	New York City
MILLER, DOROTHY CHACE.....	New York City
MYERS, DOROTHY KENYON.....	New York City
NATHANSON, MARY ETHEL.....	New York City
NEER, IMOGENE.....	Paterson, N. J.
NORRIS, NANETTE.....	Vineyard Haven, Mass.
PEARSON, GLADYS IRWIN.....	New York City
PFEFFER, ANNA MARIE.....	New York City
PINE, MARY BEEKMAN.....	New York City
POPPER, OTTILIE.....	New York City
POWELL, MARY LOUISE WHITNEY.....	New York City
REES, FANNIE MINA.....	New York City
REGES, ETHEL.....	New York City
RITTENBERG, BEATRICE HELEN.....	New York City
ROSENBAUM, JEAN PHYLLIS.....	New York City
ROWLAND, EDITH LLOYD.....	New York City
RULOFSON, EDITH GAZELLE.....	New Haven Conn.
ST. JOHN, GRACE EVANS.....	New York City
SALOM, RUTH.....	New York City
SCHULTE, AMANDA POGUE.....	New York City
SCHUYLER, GERTRUDE.....	New York City
SEIPP, EMMA.....	New York City
SHEHAN, MARIE.....	New York City
SHRIVE, LILLIAN WORTH.....	Yonkers, N. Y.
SIMMONS, MARGARET PERKINS.....	Yonkers, N. Y.
STEINTHAL, JULIET ROSINA.....	New York City
STOFF, CAROLYN GERTRUDE.....	New York City
TABERINI, ELETTRA.....	New York City
TALBOT, LOUISE.....	Roland Park, Md.
TURNER, DANNELLA.....	New York City
WALLACE, ELEANOR NEWTON.....	New York City
WALLACH, ESTHER.....	New York City
WASHBURN, RUTH FLEMING.....	Port Chester, N. Y.
WEIL, MABEL.....	New York City
WEINSTEIN, SUSANNE.....	New York City
WEISS, CAROL THERESE.....	New York City
WELLS, MABEL.....	New York City

[88]

## CANDIDATES FOR THE B.S. DEGREE

KRASNOW, FRANCES.....	New York City
REASER, DOROTHY YVONNE.....	Yonkers, N. Y.
ROLF, IDA PAULINE.....	New York City
TROWBRIDGE, KATHRYN PARKER.....	New York City
WALTHER, HELEN ELIZABETH.....	Mount Vernon, N. Y.

[5]

Seniors — Class of 1916..... 93

## Juniors—Class of 1917

## CANDIDATES FOR THE A.B. DEGREE

AARONSON, GRACE GLADYS.....	New York City
ADAMS, RUTH CLARA.....	New York City
ADELSTEIN, GERTRUDE.....	New York City
BAUER, DOROTHY HELEN.....	Elizabeth, N. J.
BAUSCH, HELENE.....	New York City
BECKER, ELSA MARIA.....	New York City
BENHAM, RHODA WILLIAMS.....	New York City
BENJAMIN, RUTH.....	New York City
BENNETT, SARAH ISABEL.....	Georgetown, Conn.
BONNELL, GRACE DALAND.....	Elizabeth, N. J.
BREMER, PHEBE ELEANOR.....	New York City
BUNKER, ADELAIDE DELAMORE VIRGINIA.....	New York City
BURGI, LUCIE EMILIE.....	New York City
BURNS, ALICE PATRICIA.....	New York City
BURROWS, BEATRICE.....	Tuckahoe, N. Y.
BURTENSHAW, AIMEE DEWEY.....	Tarrytown, N. Y.
CALDER, MARGARET.....	New York City
CALLAN, HELEN.....	New York City
CHILD, FRANCESIA SPEAKMAN.....	New York City
COLLINS, HELEN BROWNE.....	Whitehall, N. Y.
COOK, MINNIE CECILIA.....	New York City
COULTER, HELEN BREWSTER.....	Chicago, Ill.
CURNEN, ANNETTE LOUISE.....	New York City
CURNOW, DOROTHEA ESTELLE.....	New York City
CURTISS, LEAH KIRBY.....	Tarrytown, N. Y.
DALTON, IRENE ELIZABETH GERTRUDE.....	New York City
DAVIS, EVELYN MARIE.....	New York City
DEARDEN, GERTRUDE AGNES.....	New York City
DEUTSCH, ESTELLE BABETTE.....	New York City
DIERCKS, GRACE.....	Jersey City, N. J.
DUNN, OLIVE LORINNE.....	New Brunswick, N. J.
DUYN, EVELYN HALL VAN.....	New York City
DWYER, MARY AGNES.....	New York City
EDMONDSON, RUTH BATHURST.....	New York City
ELLIS, ROSE.....	Watertown, N. Y.
FARRELL, MARY DOROTHY.....	New York City
FISHER, KATHLEEN ANNIE.....	New York City
GEER, CORNELIA THROOP.....	New York City
GILBERT, ELIZABETH.....	East Orange, N. J.
GOTTLIEB, JULIA.....	New York City
GUNZ, HELEN MARIE.....	Rutherford, N. J.
GUNZENDORFER, LENORE.....	New York City
GUTHRIE, CLARA SYLVIA.....	New York City
HAHN, IRMA.....	New York City
HALEY, EDITH CRARY.....	New York City
HALL, AMELIA AGNES.....	New York City
HALLETT, MARJORIE MITCHELL.....	East Orange, N. J.
HARTMAN, GENEVIEVE.....	Tuckahoe, N. Y.
HATTORFF, PAULINE.....	New York City
HAUSLE, EUGENIE CAROLINE.....	New York City
HAYDEN, MARION FESSENDEN.....	New York City
HECHT, SYLVIA SARA ROSALIND.....	New York City
HERMANN, ANNA CATHERINE CAROLINE.....	New York City
HEYMAN, MILDRED EDWINA.....	Newburgh, N. Y.

HIEBEL, THERESE.....	Newark, N. J.
JENNINGS, RUTH HASTINGS.....	New York City
JENSEN, RUTH AMELIA.....	New York City
JOHNSON, BALBINA ANTOINETTE.....	New York City
KAHN, KATHERINE.....	New York City
KAHRS, HELEN JANET.....	New York City
KANNOFSKY, RUTH EDNA.....	New York City
KARR, LUCY ELIZABETH.....	Newark, N. J.
KATZ, YETTA.....	New York City
KETCHAM, HELEN BOWERS.....	Yonkers, N. Y.
KIDD, MARION.....	Buffalo, N. Y.
KLOPPER, ELMA.....	New York City
KLOSS, AGNES MERSEREAU.....	New York City
KOCH, MARIE KATHERINE.....	Middletown, N. Y.
KRAUSE, GERALDINE.....	New York City
LA FOUNTAIN, MARION AUGUSTA.....	Hackensack, N. J.
LAWRENCE, ROSEMARY GERALDINE.....	New York City
LEDERMAN, MINNA.....	New York City
LEET, DOROTHY FLAGG.....	New York City
LEET, HELEN WINSOR.....	New York City
LEWIN, SADIE.....	New York City
LICHTENSTEIN, JULIA VALENTINE.....	Hoboken, N. J.
LINDH, GULLI CHARLOTTE.....	New York City
LOTT, MARIETTA CREED.....	New York City
LOWNDES, BEATRICE.....	Mount Vernon, N. Y.
LUCKINGS, ALICE PETERS.....	New York City
McGHEFFERT, KATHERINE WOLCOTT.....	New York City
MADDOW, DORIS.....	Passaic, N. J.
MARQUESS, ELIZA BUCKNER.....	New York City
MARTENS, CHARLOTTE.....	Shrub Oak, N. Y.
MAYHEW, HELEN.....	New York City
MERRITT, GRACE RICHARDSON.....	Barrytown, N. Y.
MEYER, IRMA HARRIET.....	New York City
MILLER, STELLA MIRIAM.....	West New York, N. J.
MIRSKY, MIRIAM ESTHER.....	New York City
MORGAN, EDITH PERCY.....	New York City
MORITZ, MERCEDES IRENE.....	New York City
MORRIS, CORA HENNEN.....	New York City
MOSES, MARGARET MAR.....	New York City
MUNTER, ELLA.....	New York City
NATHAN, ROSALIE GOMEZ.....	New York City
NOICE, DOROTHEA.....	New York City
O'BRIEN, ESTELLE FRANCIS.....	New York City
OAKLEY, ELSIE WIKOFF.....	New York City
OPPENHEIMER, FLORENCE.....	New York City
ORIGGI, SARAH.....	New York City
PALMER, GLADYS LOUISE.....	Philadelphia, Pa.
PARKER, ELEANOR WILSON.....	New York City
PENNOCK, META RUTTER.....	Dunellen, N. J.
POLLITZER, ALINE.....	New York City
PRITCHARTT, ANNET MUNGER.....	Natchez, Miss.
QUACKENBOS, KATHARINE.....	New York City
REID, ADA CHREE.....	New York City
RIES, ESTELLE HIRSHBERG.....	New York City
ROGERS, SABINA AGNES.....	New York City
ROS, MADELEINE.....	New York City
ROSS, GERTRUDE.....	New York City
RUHL, ALMA GLADYS.....	New Rochelle, N. Y.

SABELSON, AGNES MARGUERITE.....	Newark, N. J.
SACHS, ELINOR.....	New York City
SALZMAN, EVELYN.....	New York City
SAUL, AGNES MOCKLER.....	White Plains, N. Y.
SMITH, HELEN VAN ALST.....	New York City
SOURS, WILMA ADELE.....	Portchester, N. Y.
STAPLES, JANE GILBERT.....	Mount Vernon, N. Y.
STERN, DOROTHY.....	New York City
STEVENS, MARION MARJORIE.....	New York City
STICKLAND, GEORGINA IDA.....	New York City
STRUSS, MARION.....	New York City
TALMAGE, MARY VAN DEVENTER.....	Oyster Bay, N. Y.
TAYLOR, LUCILLE ESTHER.....	New York City
TEEPE, VIOLA IRENE.....	Jersey City, N. J.
TERRY, MURIEL KATHLEEN.....	New York City
VAN AUKEN, ALTA LOUISE.....	Newark, N. J.
VAN ETTEN, ELEANOR SWINTON.....	New York City
VAN WAGNER, EDITH HARRIETT.....	Grantwood, N. J.
WEAVER, PERSIS FAY.....	Des Moines, Ia.
WHEELER, RUTH.....	New York City
WILKENS, ELEANOR AGNES.....	New York City
WILLIAMS, OLIVE ETHELYN.....	Englewood, N. J.
WILSON, LILLIAN.....	New York City
WINKIN, CORA SENNER, (MRS. JOHN WINKIN).....	New York City
WISHNIEFF, HARRIET VIVIAN.....	Cullen, Va.
WOBBER, FRIDA KATHARINE.....	New York City
WOITITZ, ELSA NETTIE.....	New York City
WRIGHT, ELIZABETH.....	New York City

[140]

## CANDIDATES FOR THE B.S. DEGREE

BERVY, OLGA ELLINISHNA.....	Bloomfield, Conn.
CHABAUD, MARIE.....	New York City
COHEN, SELMA MABEL.....	Yonkers, N. Y.
FRENZEL, ANITA.....	Nyack, N. Y.
JABLONOWER, ANNA.....	New York City
KENT, HELEN FRANCES.....	New York City
KLAUSNER, IDA.....	New York City
LENNON, MARGARET ELIZABETH.....	Hastings-on-Hudson, N. Y.
LEVY, THERESA.....	New York City
LEWIS, ESTHER.....	New York City
PRITCHARD, EDNA WATTS.....	New York City
SCHAEFFER, LILLIAN AUGUSTA.....	New York City
SIEGEL, FANNY ANNICE.....	Yonkers, N. Y.
SIEGEL, FRANCES.....	New York City
SIFF, MYRIAM.....	New York City
STROMSOE, SOLVEIG.....	New York City
SURGEONER, AGNES MASON.....	Yonkers, N. Y.
WEINSTEIN, FLORENCE.....	New York City
WILLIAMS, ISABELLE CONKLING.....	New York City
YOUNGS, HELEN CATHERINE.....	New York City

[20]

Juniors—Class of 1917.....160

## Sophomores—Class of 1918

## CANDIDATES FOR THE A.B. DEGREE

ADLER, STELLA ELNA.....	New York City
AMSON, SOPHIA.....	New York City
ARCHER, EDITH RUTH.....	New York City
ARKINS, CAROL.....	New York City

BARBER, FLORENCE GERTRUDE.....	New York City
BARBER, MARY FOSTER.....	East Mauch Chunk, Pa.
BATES, ALICE MARIE.....	New York City
BAUMANN, EDITH HORTENSE.....	New York City
BENSEL, MARY COOPER.....	New York City
BERGSTROM, GERTRUDE.....	Passaic, N. J.
BERNHOLZ, MARIA THERESA MARTHA.....	New York City
BERNHOLZ, PAULA.....	New York City
BIERMAN, FLORENCE SYLVIA.....	New York City
BLAKE, DOROTHY MAY.....	New York City
BLOUT, MILDRED.....	New York City
BOAS, EDITH.....	New York City
BRAINE, MARJORIE WALTON.....	New York City
BRODSKY, LENA.....	New York City
BUCH, ELSA ANNA.....	New York City
BUCKBEE, JOYCE.....	Lake George, N. Y.
BUDINOFF, RUTH EDITH.....	New York City
BUNZEL, RUTH.....	New York City
BURNS, CHARLOTTE MCGOVERN.....	New York City
BUVINGTON, RUTH MARIE.....	New York City
CAHEN, EDITH ROSALIE.....	New York City
CAHEN, EVELYN GERTRUDE.....	New York City
COBANKS, ALVINA SOPHIE.....	New York City
CONNOR, DOROTHY BERYL.....	White Plains, N. Y.
CORYELL, ELEANORE ROSE IMOGENE.....	New York City
CRIPPS, GLADYS MARIE.....	Charlestown, Mass.
CUTLER, KATHRYN VALENTINE.....	New York City
CUTTRELL, FLORENCE ESTELLE.....	New York City
DARROW, MARGARET JANE.....	New York City
DERIVAN, CATHERINE FRANCES.....	Yonkers, N. Y.
DIECHMANN, HILDEGARD.....	New York City
DIRKES, DOROTHY ARDELL.....	New York City
DRAKE, MILDRED ELAINE.....	New York City
ELY, MARY.....	Dayton, O.
EPSTEIN, ELIZABETH.....	New York City
FISCHEL, BERTHA MARION.....	New York City
FISCHEL, ROSE.....	New York City
FOUTS, JANET WINIFRED.....	Yonkers, N. Y.
FRANKLIN, ADELE.....	New York City
FRAZEE, ELIZABETH THERESA.....	New York City
GERLOFF, MARTHA LOUISE.....	Mt. Kisco, N. Y.
GIBB, ALICE STEARNS.....	New York City
GIDDINGS, LORINDA MARGARET.....	New York City
GRAFFE, DOROTHY.....	New York City
GRAY, ETHEL.....	New York City
GRAY, ROSE RANF.....	New York City
GREENBAUM, ISABEL.....	New York City
GRIFFITHS, MARY ROSE MILLIE.....	New York City
GRIMM, ELSA BRANDON.....	New York City
GRIMSHAW, CAROLYN.....	New York City
GROSS, EDITH.....	Arlington, N. J.
HARRIS, CAROLYN HOBART.....	White Plains, N. Y.
HARRISON, MARGARET.....	New York City
HARROWER, KATHERINE.....	New York City
HART, LUCILE MARY.....	New York City
HAYNES, FRANCES FIELD.....	Columbia, S. C.
HEACOCK, MEME JEANNETTE.....	New York City
HERMAN, ESTHER.....	New York City



HEYMAN, FRED A . . . . .	Newburgh, N. Y.
HILDENBRAND, SOPHIE MARY . . . . .	New York City
HINES, KATHERINE CECILIA . . . . .	Newark, N. J.
HOCH, SUSIE . . . . .	New York City
HOLBROOK, HELEN SHELBY . . . . .	Mobile, Ala.
HOLLOWAY, CONA LOUISE . . . . .	New York City
HOMAN, GRACE . . . . .	New York City
JACOBS, DOROTHY MIRIAM . . . . .	New York City
JENNINGS, HAZEL GLOVER . . . . .	New York City
JOSEPHSON, ANNA . . . . .	New York City
KLENKE, EMMA LOUISE . . . . .	New Rochelle, N. Y.
KLINE, MARGARET DEMAREST . . . . .	Nyack, N. Y.
KOENIG, HEDWIG AUGUSTA . . . . .	New York City
LENT, MARY ELLEN . . . . .	Yonkers, N. Y.
LEVISON, MAY ADELAIDE . . . . .	New York City
LEVY, MARIAN . . . . .	New York City
LEWIS, EMELYN LOUISE . . . . .	New York City
LIVINGSTON, RUTH HELEN . . . . .	New York City
LONGAKER, ADELINA . . . . .	East Aurora, N. Y.
MCLEAN, ETHEL . . . . .	New York City
MACK, EVELYN . . . . .	New York City
MACKEY, MARGUERITE . . . . .	Hunter, N. Y.
MACLACHLAN, HELEN MAY . . . . .	Yonkers, N. Y.
MADIGAN, CATHERINE CECELIA . . . . .	New York City
MAN, MARY ELIZABETH . . . . .	New York City
MARKEY, RUTH ELIZABETH . . . . .	New York City
MAYER, LEONOR . . . . .	New York City
MAYER, THERESA ROSALIND . . . . .	New York City
MEYER, DENE CONSTINE . . . . .	New York City
MILLIKEN, RHODA JAMESON . . . . .	Hasbrouck Heights, N. J.
MINAHAN, MAUDE OLIVE . . . . .	New York City
NEUBAUER, CLARA DOROTHEA . . . . .	New York City
OSCHRIN, ELSIE . . . . .	Jersey City, N. J.
PAPAZIAN, ELLEN DAWSON CASS . . . . .	New York City
PATTERSON, CLAIRE . . . . .	New York City
PICHEL, GRACE AQUILLAR . . . . .	New York City
PIERCE, HELEN GUTHRIE . . . . .	Yonkers, N. Y.
PLOUGH, NATALIE KATHERINE . . . . .	New York City
POOLE, SYLVIA STEINFORT . . . . .	Faribault, Minn.
POTT, KATHERINE WARHURST . . . . .	New York City
PURDY, HELEN ALICE . . . . .	Croton-on-Hudson, N. Y.
RADCLIFF, CLARA ADRIANNA . . . . .	Yonkers, N. Y.
RAU, HILDA LOUISE . . . . .	New York City
REINKE, EVA ANNA . . . . .	New York City
REQUA, CORA SHELDON . . . . .	Montclair, N. J.
ROSENSWEIG, ETHEL . . . . .	Chattanooga, Tenn.
ROBBINS, JEANNETTE CECILIA . . . . .	New York City
ROTHSCHILD, MARGARET EDITH . . . . .	New York City
RUBENSTEIN, FANNIE EVELYN . . . . .	New York City
SANBORN, ALINE ETTA . . . . .	New York City
SCHIFF, ESTHER . . . . .	New York City
SCHULMAN, SOPHIA . . . . .	New York City
SCHUMANN, ELIZABETH . . . . .	Hunter, N. Y.
SCOTT, HARRIET PITTINGER . . . . .	Trenton, N. J.
SHINE, HELENA . . . . .	New York City
SLUTH, ELIZABETH MARTIN . . . . .	New York City
STEIN, MIRIAM HENRIETTA . . . . .	New York City
STEVENS, HELEN KENNEDY . . . . .	New York City

STEWART, ELIZABETH MARTHA.....	New York City
STEWART, KATHARINE BARRON.....	New York City
STOCKBRIDGE, DOROTHY BERNICE.....	New York City
STRAUCH, MARION WEBB.....	New York City
TEALL, DOROTHY JUDD.....	Glen Ridge, N. J.
THOMPSON, EDNA.....	New York City
TIFFANY, HARRIET WILCOX.....	New York City
VAN NOSTRAND, HARRIET WILLIAMS.....	Little Neck, N. Y.
WAINRIGHT, KATHARINE MARIE.....	Farmingdale, N. J.
WALKER, BEATRICE.....	New York City
WEYGANDT, LILLIAN JOSEPHINE.....	New York City
WHIPPLE, ISABEL CAROLYN.....	New York City
WHITE, HARRIETTE DODGE.....	New York City
WILLIAMS, VIOLA KIRBY.....	New York City
WILLIAMS, VIRGINIA DEBORAH.....	New York City
WOODBIDGE, RUTH.....	New York City
ZAGAT, RUTH BEATRICE.....	New York City

[137]

## CANDIDATES FOR THE B.S. DEGREE

DIXON, JENNIE RAMSAY.....	New York City
GOLDSTEIN, HELEN FRANCES.....	New York City
HILDRED, LAURA.....	Ripley, N. Y.
HOFFMAN, ELIZABETH MARY.....	New York City
KECK, DOROTHY.....	New York City
KENTON, FRIEDA.....	New York City
KLIATSHCO, LYDIA GORDON.....	New York City
MERRYMAN, MARJORIE.....	New York City
MOTT, ETHEL.....	New York City
PFALTZ, MIMOSA HORTENSE.....	New York City
POTTER, GRACE.....	Bronxville, N. Y.
RANDELL, DORA.....	New York City
SCHLANG, LILY.....	New York City
SOOYSMITH, HILAIRE.....	New York City
STOCKBRIDGE, HELEN WIESNER.....	New York City
WACHENHEIMER, RUTH.....	New York City

[16]

## CANDIDATES FOR TRANSFER AT THE END OF TWO YEARS TO THE PROFESSIONAL SCHOOLS OF THE UNIVERSITY

* BURROWS, DOROTHY FREY.....	New York City
DAWBARN, ETHEL GORDON.....	New York City
* FINEGOLD, MINNIE.....	New York City
* GRANT, FRANCES RUTH.....	Albiquin, New Mex.
HOLBROOK, HELEN.....	New York City
* KLADIVKO, LIDDA.....	New York City
* LEWINSON, MINNA.....	New York City
LYDECKER, DOROTHY.....	Englewood, N. J.
* METZGER, DOROTHY.....	New York City
* MURPHY, IRENE VERONICA.....	Akron, O.
* RATHBONE, GRACE OLCOTT.....	New York City
* REFREGIER, LILIANE EUGENIE.....	Omaha, Neb.
ROBB, CHRISTINE CRUIKSHANKS.....	Tuckahoe, N. Y.
* SENIOR, MARY EMMA.....	Cincinnati, O.
* TAYLOR, LEILA MANNING.....	New York City
* WASHBURN, MARION.....	New York City

[16]

Sophomores — Class of 1918.....169

## Freshmen — Class of 1919

## CANDIDATES FOR THE A.B. DEGREE

ACCURSO, CATHERINE.....	New York City
ADAMS, EILEEN ROSE.....	New York City
ALFKE, ADELE LEONORE.....	New York City
AMBER, LILLIAN SCHULL.....	Liberty, N. Y.
AMBERG, RUTH AUGUSTA.....	Niagara Falls, N. Y.
ANTHONY, MARION ERWIN.....	Gouverneur, N. Y.
ARCHIBALD, MARY LEONE.....	Margaretville, N. Y.
BALLOT, JEANNE ELISE.....	New York City
BARANOFF, HELEN.....	Newark, N. J.
BARRETT, FLORENCE BEVERLEY.....	New York City
BARRINGTON, MARJORY LIVINGSTON.....	New York City
BARRY, CORINNE ALICE.....	Jersey City Heights, N. J.
BARTLETT, EMMA LOUISE.....	Hoboken, N. J.
BENEDICT, MARION JOSEPHINE.....	North Tarrytown, N. Y.
BLACK, ISABEL BANFORD.....	New York City
BOAS, GERTRUD MARIANNE.....	Grantwood, N. J.
BORDEN, ALICE JOYCE.....	New York City
BRAND, EDNA ROSE.....	New York City
BRITTAI, ESTHER.....	Batavia, N. Y.
BROCKWAY, DOROTHY.....	New York City
BROWN, HELEN RENWICK.....	New York City
BROWN, LOUISE CEJANUS.....	New York City
BRYAN, DOROTHY MARIE.....	New York City
BUCHMAN, ALINE SOPHIE.....	New York City
BUNGER, ANNA GERTRUDE.....	Ferndale, N. Y.
BURNS, MARY ELIZABETH.....	New York City
CARBONARA, TERESA ADELAIDE.....	New York City
CARR, ELECIA FRYER.....	New York City
CLARK, MARJORIE LOUISE.....	New City, N. Y.
CONWAY, EDITH DOROTHEA.....	Holyoke, Mass.
COOKSEY, CATHERINE IRENE.....	Mount Vernon, N. Y.
CRAWFORD, LILA HALL.....	Columbia, S. C.
CURNOW, ELEANOR LUCILE.....	New York City
DAVIES, MAUDE HELEN.....	Towanda, Pa.
DAY, DOROTHY ELIZABETH.....	Newark, N. J.
DEUEL, VERENA GRANTENA.....	Corning, N. Y.
DEWEY, LUCY ALICE.....	New York City
DICKSON, CHARLOTTE.....	Jersey City, N. J.
DIEKMANN, ELSA.....	New York City
DOCHTERMAN, ELSIE.....	New York City
DONAHUE, MAY.....	Paterson, N. J.
DOWLING, EMILY MAY.....	New York City
DOYLE, HELEN PIRNIE.....	New York City
DOYLE, LOUISE CONSTANCE.....	New York City
ERLICH, BESSIE.....	Swainsboro, Ga.
EMERSON, ISABEL HARRINGTON.....	New York City
FARJEON, VIRGINIA.....	Ossining, N. Y.
FERGUSON, MARGARET.....	East Orange, N. J.
FINEMAN, FRANCES POWELL.....	Galveston, Tex.
FOLEY, HELEN CECELIA.....	New York City
FOX, HELENE EVELYN.....	New York City
FREDERICKSON, HELEN ELIZABETH.....	New York City
GEER, GERTRUDE MARSHALL.....	New York City
GOEBELL, ALICE GERALDINE.....	New York City

GOLDSMITH, DOROTHY BELLE.....	New York City
GROSS, ANNA GERTRUDE.....	New York City
GROSS, SELMA.....	Mount Vernon, N. Y.
GROSSMAN, PAULINE.....	New York City
GUGGENHEIM, BEATRICE CONSTANCE.....	New York City
GUINZBURG, LENORE KLEINERT.....	New York City
GUNTHER, ERNA CORNELIA.....	New York City
HALL, DOROTHY.....	New York City
HAYNER, LUCY JULIA.....	Troy, N. Y.
HENNESSY, HELEN MARGARET.....	Roslyn, N. Y.
HEROD, ELIZABETH NOLA.....	New York City
HEROD, MARGARET NOLA.....	New York City
HERRMANN, GRETCHEN.....	New York City
HEUTERKES, LOUISE.....	Jersey City, N. J.
HOFFMAN, MAY.....	Irvington-on-Hudson, N. Y.
HOLLAND, DOONTA DE MILKIEWICEZ.....	New York City
HOOKE, SUSAN JANE.....	Angelica, N. Y.
HUREWITZ, ESTELLE.....	New York City
JACKSON, MARION FRANCES.....	Jericho, N. Y.
JACOBS, ESTELLE.....	New York City
JARVIS, RUTH FRANCES.....	New York City
JOHNSON, CATHARINE RAWLINGS.....	New Rochelle, N. Y.
JOHNSON, EDITH FLORENCE.....	Westbury, N. Y.
JOHNSON, JENNIE ANN.....	New York City
JONES, HARRIETT DRYDEN.....	Baltimore, Md.
KAHN, DORA.....	New York City
KAMMERER, MILDRED KATHERINE.....	New York City
KEELER, LUCILE.....	New York City
KERR, GRACE MAYFRED.....	New York City
KLOPMAN, VERA VIVA.....	Weehawken, N. J.
KOCH, ELSA EMMA.....	New York City
KOHNSTAMM, MYRA ESTHER.....	New York City
KOSTER, LUCETTA MARGUERITTE.....	White Plains, N. Y.
LAHIFF, AILEEN THERESA.....	New York City
LAMBERT, CONSTANCE.....	Mount Vernon, N. Y.
LEE, LUCY CARTER.....	Macon, Ga.
LEVE, MARGERY.....	New York City
LE VINO, ROSE.....	New York City
LEWIS, CLARA.....	Sioux City, Ia.
LEWIS, WEALTHY ALBRO.....	New York City
LIANDER, WENDELA.....	New York City
LICCIONE, IRMA JOSEPHINE.....	Mount Vernon, N. Y.
LIND, ERNESTINE MIRIAM.....	New York City
LOCKHART, GRACE LOUISE.....	Yonkers, N. Y.
LOWENSTEIN, EDITH SOPHIE.....	New York City
MCCAFFREY, MARION FRANCES.....	New York City
MCDANIEL, LAURA FRANCES.....	Patchogue, N. Y.
MACFARLANE, JEAN KNOX.....	Mount Vernon, N. Y.
MANN, BERTHA HALLE.....	Mount Vernon, N. Y.
MARSHALL, RUTH.....	New York City
MARTIN, RAMONA.....	New Britain, Conn.
MAYER, VICTORINE KOPS.....	New York City
MENEELY, JANET DUNCAN.....	Hackensack, N. J.
MILLER, HELEN MARJORIE.....	Mount Vernon, N. Y.
MONJO, MARGUERITE EULALIE.....	New York City
MOOK, EDITH MAY.....	Palisade, N. J.
MOORE, OLIVE VICTORIA.....	New York City
MORRIS, MILDRED SELMA.....	New York City

MORRISON, RUTH ALEXANDRA	Yonkers, N. Y.
MUHLFELD, MARIE	New York City
MUNSTOCK, GRACE CHARLOTTE	New York City
MURTLAND, ISABELLE ALEXANDER	New York City
NEUVILLE, EDNA CATHERINE	Schenectady, N. Y.
NEWBURGER, BESSIE GUTMAN	New York City
OAK, DOROTHY	New York City
OBERLE, LOUISE ISABELLE	Maplewood, N. J.
ODDEN, MARGARET ARMITAGE	New York City
PARKS, CATHERINE EVA	Reading, Mass.
PARTRIDGE, M'LISS AILEEN	New York City
PLATT, HELENE MARION	New York City
POWELL, JOSEPHINE MASON	New York City
PUERSCHNER, OTTILIE	Cranbury, N. J.
REDER, FRANCES	New York City
REID, EDITH MARION	Mount Vernon, N. Y.
ROSENBERG, SARAH RAE	New York City
ROSENTHAL, EDITH CHARLOTTE	New York City
ROWELL, VIOLET ENGLAND	Miller Place, N. Y.
RUFF, BERNICE CHARLOTTE	Belleville, N. J.
RULE, FRANCES DANIEL	St. Louis, Mo.
SAYFORD, MARGARET ELIZABETH	New York City
SCHAAF, GEORGIE PHILIPPINE	New York City
SCHLAUCH, MARGARET	Hasbrouck Heights, N. J.
SCHUSTER, MERLE HUNTER	New York City
SHERLINE, BERTHA	New York City
SIEMS, EDNA REGINA	Mount Vernon, N. Y.
SIMONS, BESSIE RUTH	New York City
SKINNER, THEODORA BOOTH	Guilford, Conn.
SLOCUM, HELEN LOUISE	Oswego, N. Y.
SMITH, BETTY ALLEN	Northampton, Mass.
SMITH, CLARICE ANNIE	Clifton, N. J.
SMITH, EUDORA ISABEL	Bayport, N. Y.
SMITH, JESSIE LILLIAN	New York City
SMITH, LEOLYN CLARK	Hackensack, N. J.
SMITH, MIRIAM LOUISE	Englewood, N. J.
SNYDER, MARGARET EATON	New York City
STANBROUGH, GEORGIA LYDIA	New York City
STEWART, CATHERINE DARLING	New York City
STROOCK, BLANCHE MARION	New York City
SUTCLIFFE, CHARLOTTE RAMSEY	New York City
SWEENEY, ANNETTE ROSE	New York City
TAPPAN, VIVIAN	Highwood, N. J.
TAYLOR, ELINORE WRIGHT	New York City
TERRIBERRY, ELIZABETH	New York City
THOMAS, MARY PAMELA	New York City
TOLEDANO, RUTH	New York City
TOMPKINS, EDITH IMOGENE	Yonkers, N. Y.
TOMPKINS, ELSIE LOUISE	Yonkers, N. Y.
TOREK, GRETCHEN IRMA	New York City
TOTH, ERZSIBET ZSUZSANA	New York City
TOUROFF, LILLIAN ELEANOR	New York City
TOWNSEND, MARIAN DILLER	New York City
TREACY, JULIA MARY	Yonkers, N. Y.
TUSA, THERESA	New York City
VAN PYK, KARIN SUTHERLAND	Amenia, N. Y.
VAN WART, EDNA	White Plains, N. Y.
VEIT, VERA	East Orange, N. J.

WALLACE, HELENE RUTH	New York City
WEGENER, HATTIE LOUISE	New York City
WEIL, ANNA PIZA	New York City
WELLECK, MARY NOBLE	New York City
WELZMILLER, GRACE REED	New York City
WERNER, MIRIAM VIRGINIA	New York City
WESENDONCK, MYRRHA ANTOINETTE	New York City
WHITE, HELEN MYRICK	Paterson, N. J.
WILLIAMS, CHARLOTTE ELIZABETH	Roselle Park, N. J.
WILLIAMS, GERTRUDE MAYNE	Johnson City, Tenn.
WILLIAMS, HELEN GLADYS PINCKNEY	New York City
WULP, HILDE ANTOINETTE	New York City
YOUNG, JESSY EMILIE	New York City

[182]

## CANDIDATES FOR THE B.S. DEGREE

CARMODY, MARIE ROSE	Mount Vernon, N. Y.
GATEWOOD, ELIZABETH STUART	Newport News, Va.
GRAHAM, ELAINE	New York City
HOFFMAN, JESSIE ALICE MILDRED	Buffalo, N. Y.
KOERNER, SOPHIE	New York City
LENNON, FLORENCE MARY	Hastings-on-Hudson, N. Y.
LEWY, RUTH LILLIAN	New York City
MAHNEKE, PAULINE CLARA MATILDA	New York City
MOON, AGNES GORDON	Charlottesville, Va.
POTTER, DOROTHY LANGDON	Sterlington, N. Y.
SAUNDERS, HELEN	New York City
SMITH, GENEVIEVE MARIE	Hornell, N. Y.
WILLMAN, EDITH	New York City

[3]

CANDIDATES FOR TRANSFER AT THE END OF TWO YEARS TO THE  
PROFESSIONAL SCHOOLS OF THE UNIVERSITY

* ADAMS, MARJORY LIVINGSTON	Haverhill, Mass.
* ALLEMAN, MARION	McDougall, N. Y.
* BAUERBERG, LEDA	New York City
* BERNARD, MARGUERITE BEATRICE	Dobbs Ferry, N. Y.
* CRANDALL, LOLA MARION	Fulton, N. Y.
* DESPRES, BERENICE SAMUEL	New York City
* HERRMAN, MAJORIE	New York City
* HOLT, SIGRID CHARLOTTE	Mount Vernon, N. Y.
* KETTERLINUS, EUGENIA	Ardmore, Pa.
* LOWNHAUPT, ELIZABETH	Ossining, N. Y.
* MORGAN, GRACE BEULAH	Mount Vernon, N. Y.
* STANTON, AUGUSTA EMILY HAZELTON	Great Neck, N. Y.
* TAYLOR, BLANCHE SELINA	Yonkers, N. Y.
* TOPPING, ELLA FRANCIS	New York City
* VON WIEGAND, CHARMION ESTHER	New York City
* WARREN, MARION BOYD	Yonkers, N. Y.

[16]

Freshmen — Class of 1919 . . . . . 188

## Special Students Matriculated

ADAMS, FLORA	Hackensack, N. J.
BASHIAN, MARIE MORDICK	New York City
BERNHEIM, ALICE R. (MRS. GEO. B. BERNHEIM)	New York City

\* Candidates for the degree of the School of Journalism.

BROWN, REBECCA WHITLOCK.....	Des Moines, Ia.
CRAMER, MIRIAM NEWCOMB (MRS. J. G. CRAMER).....	East Orange, N. J.
GOFF, MARIE.....	San Jose, Calif.
GOSTENHOFER, DOROTHY MACDONALD.....	New York City
HAND, CHARLOTTE STONE.....	New York City
HOYT, HELEN.....	New York City
JACOBY, JEANNE.....	New York City
KONOVITZ, LEAH MINNIE.....	New York City
LASALLE, AMIE THERESE.....	Toledo, O.
LEVY, EDITH LILLIAN.....	New York City
LIDDELL, ANNA FORBES.....	Charlotte, N. C.
LUCE, ALICE HANSON.....	New York City
MALLON, EVELYN.....	Denver, Colo.
MORGENTHAU, RUTH.....	New York City
NIELSEN, MARY AUGUSTA.....	Dallas, Tex.
NOMLAND, ELGIE BARRINGTON (MRS. KEMPER NOMLAND).....	New York City
PARAIS, EVA MAY.....	Jersey City, N. J.
PETERS, JOAN ST. MICHAEL.....	New York City
RAYNOR, CONSTANCE.....	Montclair, N. J.
SCHAFER, MILDRED STRAUS (MRS. E. SCHAFER).....	New York City
SINSHEIMER, HARRIET DOROTHY.....	New York City
SMITH, VIRGINIA.....	New York City
TERRIBERRY, MARGARET.....	New York City
WALSH, MARY DUNNE.....	Richmond, Va.
WESTCOTT, MARGERY DUNBAR.....	New York City

[28]

## Special Students Non-Matriculated

ADRIANCE, DOROTHY ALLEN.....	Poughkeepsie, N. Y.
BARTON, ELEANOR GRAEFF.....	Englewood, N. J.
BRADLEY, EMILY MABEL.....	Newport, R. I.
CAMP, CAROLYN MARY.....	Milwaukee, Wis.
CAREY, CORNELIA LEE.....	West Orange, N. J.
CHOATE, MABEL.....	New York City
CLAFLIN, AGNES SANGER.....	Morristown, N. J.
DEGENER, IRMA.....	New York City
DU BOIS, HELEN JAY.....	New York City
FORD, JULIET TRIMBLE.....	New York City
GREENE, CHARLOTTE LOUISE.....	New York City
HEPBURN, DOLLIE BOOTH.....	East Orange, N. J.
HIRSH, CARLIN.....	New York City
JONES, EDNA ELIZABETH.....	Yonkers, N. Y.
LAGEMANN, ANNA EMILY.....	New York City
LUCE, MARGARET BAYNE.....	New York City
MCGUCKIN, MILDRED CRISS (MRS. R. F. MCGUCKIN).....	Orange, N. J.
MCVICKAR, PHYLLIS BARD.....	Morristown, N. J.
MAURICE, NATHALIE ADAMS.....	Mamaroneck, N. Y.
MURRAY, ALICE LESLIE.....	New York City
NORTON, ROSE HOWARD.....	Locust Valley, N. Y.
NORTZ, LUISE BARBARA.....	Ruppertsberg, Germany
PERRY, DOROTHY LOUISE.....	Nyack, N. Y.
SETON, MARIE.....	New York City
SHEPARD, EDNA.....	New York City
SPRULL, MARY JAMES.....	Littleton, N. C.
STANTON, JESSIE.....	New York City
STEVENS, JEANNE.....	Salt Lake City, Utah
SWANN, SUSAN RIDLEY SEDGWICK (MRS. A. W. SWANN).....	New York City
TUTHILL, ISABEL HAWKINS.....	Rocky Point, N. Y.

WELLES, WINIFRED.....	Norwich Town, Conn.
WILBER, DORIS ELEANOR.....	West Medford, Mass.
WOOD, MARY APPLETON.....	New York City
[33]	

## Summary

Seniors — Class of 1916:	
Candidates for the Barnard College A.B. degree alone.....	87
Candidates for the degrees of A.B. through Barnard College and B.Litt. in Journalism.....	1
Candidates for the Barnard College B.S. degree alone.....	5
	<u>93</u>
Juniors — Class of 1917:	
Candidates for the A.B. degree.....	140
Candidates for the B.S. degree.....	20
	<u>160</u>
Sophomores — Class of 1918:	
Candidates for the A.B. degree.....	137
Candidates for the B.S. degree.....	16
Students in General Two-Year Course.....	16
	<u>169</u>
Freshmen — Class of 1919:	
Candidates for the A.B. degree.....	182
Candidates for the B.S. degree.....	13
Students in General Two-Year Course.....	16
	<u>211</u>
	633
Special Students:	
Matriculated.....	28
Non-matriculated.....	33
	<u>61</u>
University Students.....	16
Teachers College Students.....	44
	<u>60</u>
Grand Total.....	754



# REGISTER OF STUDENTS

## [TEACHERS COLLEGE]

### SCHOOL OF EDUCATION

#### Graduate Students

#### Candidates for the Doctor of Philosophy Degree and the Teachers College Diploma

The following students are also registered under the Faculty of Philosophy and are pursuing a major course in Education in Teachers College. Minor courses not in Education are given in italics below:

- ANTHONY, ELIZABETH, M.L. California 1914. . . . . New York City  
 ARENWALD, MESMIN, A.M. N. Y. U. 1911, A.B. C. C. N. Y., 1906. . . . . New York City  
 AYERS, MAY, B.S. Simmons 1911 . . . . . New York City  
 BAKER, FRANK LEE, Ph.B. Syracuse 1906 . . . . . Yonkers, N. Y.  
 BALLOU, WILLARD ALGER, A.M. 1915, B.S. 1913 *Mathematics* . . . . . Brooklyn, N. Y.  
 BARBER, GRACE ELIZABETH, A.M. 1914, A.B. Mt. Holyoke 1906,  
*Mathematics* . . . . . Athol, Mass.  
 BARROW, JOHN BARKETT, A.M. 1911, A.B. Durham (England) 1898  
 . . . . . Brooklyn, N. Y.  
 BATE, GEORGE C., B.S. N. Y. U. 1911. . . . . Yonkers, N. Y.  
 BAYNE, STEPHEN FIELDING, A. M. 1903, B.S. C. C. N. Y. 1898. . . . . New York City  
 BERKMAN, JULIUS CHARLES, A.M. 1915, B.S. C. C. N. Y. 1911. . . . . New York City  
 BERKSON, ISAAC BALES, A.M. 1914, A.B. C. C. N. Y. 1912. . . . . New York City  
 BOAK, MABEL, A.M. 1902, A.B. Vassar 1901. . . . . Madison, N. J.  
 BOEHMKE, MATTHIAS JULIUS WILHELM, A.M. 1913, A.B. Victoria  
 College, So. Africa, 1900, *Social Economy* . . . . . Berlin, Cape Province, So. Africa  
 BOLL, ARTHUR J. Concordia, 1896. . . . . New York City  
 BOWTON, REESE C., A.M. Wisconsin 1916, A.B. Indiana 1911. . . . . Sheldon, Ill.  
 BOYCE, JESSIE W., A.B. Minnesota 1905. . . . . Sioux Falls, So. Dak.  
 †BRADLEY, BARCLAY WHITE, Ph.D. Pennsylvania 1900, A.B. Penn-  
 sylvania 1897 . . . . . Hastings, N. Y.  
 BROWN, ALEXANDER, A.M. 1915, B.S. 1914 . . . . . New York City  
 BRYAN, JULIAN, A.M. Colgate 1911, B. S. Haverford 1910 . . . . . Montclair, N. J.  
 BUCKNER, CHESTER A., A.M. Iowa State 1911, A.B. Iowa State 1909  
*Psychology* . . . . . Lawrence, Kans.  
 BULLOCK, WILLIAM WALLACE, A.M. 1914, Ph.B. Colgate 1899, *Social*  
*Economy* . . . . . Hastings, N. Y.  
 BURKHARD, SAMUEL, A.M. 1912, A.B. Goshen 1911, *Psychology* . . . . . Roseland, Nebr.  
 BURNHAM, REUBEN WESLEY, A.M. 1914, A.B. Amherst 1895. . . . . Brooklyn, N. Y.  
 BUSCH, ELLA ADELINE, A.M. Missouri 1904. . . . . Franklin, Mo.  
 CALVIN, MARGARET JEAN, A.M. 1912, Ph.B. Chicago 1900, *Sociol-*  
*ogy* . . . . . Transfer, Pa.  
 CHANG, PENG CHUN, A.M. 1915, A.B. Clark, *History* . . . . . Tientsin, China  
 CHAPMAN, IRA T., A.M. Harvard 1905, A.B. Wesleyan 1903. . . . . Norwalk, Conn.  
 CHARLES, JOHN WESLEY, A.M. Haverford 1908, A.B. Haverford 1904  
*Psychology* . . . . . Wichita, Kans.  
 CHIPKIN, ISRAEL SOLOMON, A.M. 1915, B.S. 1913, *Sociology* . . . . . New York City  
 CLARK, MARY AUGUSTA, A.M. 1914, A.B. Mt. Holyoke 1903 . . . . . New York City  
 COMIN, ROBERT, A.B. Princeton 1897. . . . . Richmond Hill, N. Y.  
 CRESPO, JOSÉ DANIEL, A.M. 1915, B.S. 1914. . . . . New York City  
 CUBOE, PHILIP R. V., A.M. 1915, B.S. C. C. N. Y. 1913. . . . . New York City  
 DAVIS, ALFRED, A.M. Minnesota 1910, A.B. Minnesota 1909,  
*Mathematics* . . . . . New York City

† Diploma only.

- DENNISTON, MARY, A.M. 1914, B.S. 1912.....New York City  
 DIDCOCK, JOHN J., A.M. 1914.....Champaign, Ill.  
 DOREMUS, MARY CAROLINE, A.M. Washington 1914, A.B. Albany  
     1908, *Psychology*.....Kingston, N. Y.  
 DRACHMAN, JULIAN MOSES, B.S. C. C. N. Y. 1915.....New York City  
 DUSHKIN, ALEXANDER MORDECAI, A.M. 1913, A.B. C. C. N. Y. 1911  
     New York City  
 EGAN, HANNAH M., A.M. 1913, A.B. Hunter 1911, *Philosophy*....New York City  
 ENSIGN, FOREST CHESTER, A.M. Iowa 1900, Ph.B. Iowa 1897....Iowa City, Ia.  
 ESSELSTYN, HENRY H., A.B. Union 1893, *English*.....Brooklyn, N. Y.  
 FERRIN, LIVIA ELLA, A.M. 1915, A.B. Pacific University 1906....Montclair, N. J.  
 FRENCH, ARTHUR TAPLEY, A.M. 1913, B.S. Harvard 1907, *Sociology*  
     Danvers, Mass.  
 FRETWELL, ELBERT K., A.M. Brown 1905, Ph.B. La Grange 1899  
     Brooklyn, N. Y.  
 GAMBRILL, BESSIE LEE, A.M. 1911, A.B. Western Maryland 1902,  
     *History*.....Ellicott City, Md.  
 GARRISON, NOBLE LEE, A.M. Missouri 1912, B.S. Missouri 1909..New York City  
 GERE, E. LLEWELLYN, B.S. Kenka 1906.....Hallstead, Pa.  
 GOODMAN, ELIZABETH A., A.M. 1915, A.B. Hunter 1913 *English*  
     New York City  
 GURLEY, RAYMOND BENNETT, A.M. 1915, Ph.B. Chicago, 1909...East Orange, N. J.  
 HAEFELIN, FANNY JOSEPHINE A.M. 1908, B.S. 1905, *Mathematics*. New York City.  
 HEAD, WALTER DUTTON, A.M. 1913, A.B. Harvard 1902....New Rochelle, N. Y.  
 HOFFSOMMER, WALTER EDWARD, A.B. Ursinus 1903.....Harrisburg, Pa.  
 HOLLINGWORTH, LETA STETTER, (Mrs.) A.M. 1913, A.B. Nebraska  
     1906, *Psychology, Sociology*.....New York City  
 HONOR, LEO LAZARUS, A.B. C. C. N. Y. 1914, *History*.....New York City  
 HOSTERMAN, JOHN SCHOLL, A.M. 1910, A.B. Franklin and Marshall  
     1904.....Montrose, Pa.  
 HOTZ, HENRY GUSTAVE, A.M. Wisconsin 1915, Ph.B. Wisconsin 1913  
     Scandinavia, Wis.  
 HOWES, LYMAN, A.M. 1911, A.B. Stanford 1906.....Hannibal, Mo.  
 HUGHES, JOHN EDWARD, A.M. 1915, A.B. Williams 1907, *English*  
     Williamstown, Mass.  
 IRELAND, E. WARD, A.M. 1912, B.S. 1908.....Unadilla, N. Y.  
 ISAACS, MERVIN, A.M. 1915, A.B. C. C. N. Y. 1913.....New York City  
 JANSEN, WILLIAM, A.M. 1913, B.S. 1908.....New York City  
 KARMEI, CHARLOTTE ESTELLE, A.M. 1914, A.B. Hunter 1911, *Philos-*  
     *ophy*.....New York City  
 KER, LEONA MINNIE, A.M. 1914, B.S. 1913, *English*.....New York City  
 KLINES, HENRY JAMES, A.M. 1908, B.S. 1906.....Arverne, N. Y.  
 LEARY, DANIEL BELL, A.M. 1915, A.B. 1910, *Slavonics*.....New York City  
 LEE, EDWIN AGUSTUS, A.M. 1915, B.S. 1914.....Chico, Cal.  
 LE SOURD, HOWARD MARION, A.M. 1913, A.B. Wesleyan 1911, *Relig-*  
     *ious Education*.....New York City  
 LEW, TIMOTHY TINGFANG, A.M. 1915, A.B. 1914.....Wenchow, China  
 LEWIS, JAMES CAMPBELL, JR., A.B. Kentucky, 1908.....Briarcliff Manor, N. Y.  
 LORAM, CHARLES TEMPLEMAN, LL.B. Cambridge, 1905, A.M. Cam-  
     bridge 1904, A.B. Pietermaritzburg (Natal) 1900, *English*  
     Durban, South Africa  
 LOTZ, ELSA, B.S. 1912, *Religious Education*.....Brooklyn, N. Y.  
 LOWSON, JESSIE LATTO, A.M. 1913, A.M. St. Andrews (Scotland)  
     1907, *History*.....New York City  
 MACLEOD, GRACE, A.M. 1914, B.S. Institute of Technology 1901. Brooklyn, N. Y.  
 MADDOX, WILLIAM ARTHUR, A.M. 1911, A.B. William and Mary  
     1904, *History*.....Oswego, N.Y.  
 MANION, WILLIAM JOHN, A.B. Hamilton 1911.....Ferndale, N. Y.  
 MARGOSHES, SAMUEL, A.M. 1911.....New York City

- MARKS, LOUIS, A.M. 1905, Pd.M. N. Y. U. 1903, B.S. C. C. N. Y. 1896.....New York City
- MARTIN, THEODORE DAY, A.M. Hamilton 1912, A.B. Hamilton 1911,  
*History*.....Manti, Utah
- MEINHARDT, EMILIE A., A.M. Radcliffe 1911, A.B. Radcliffe 1910..New York City
- MELROSE, PAUL CUNNINGHAM, A.M. Princeton 1915, A.B. Lenox 1912.....Marcus, Ia.
- MERRITT, LAURA BELLE, Ph.B. Syracuse 1909.....Geneva, N. Y.
- MITCHELL, HARLEY EDWIN, A.M. Chicago, 1913, A.B. Iowa State 1911, *Economics*.....Pittsburg, Kans.
- NEWTON, HARRY GRALL, A.M. Indiana 1906, A.B. Indiana 1905..Columbus, Ind.
- O'BRIEN, FRANCIS PAUL, A.B. Lafayette 1908, *Sociology*.....South River, N. J.
- OSTERHUS, PETER O., A.M. 1911.....Hackensack, N. J.
- PARSONS, CHARLES H., A.M. Virginia 1913, A.B. Virginia 1911.Cape Charles, Va.
- PECKHAM, JOHN LAIMBEER, A.M. Pennsylvania State 1915, A.B. Clark 1912.....Spencer, Mass.
- PETTIT, WALTER WILLIAM, A.M. 1912, B. S. 1911.....New York City
- PIOTROWSKA, HELENA, A.B. Cornell 1908, *Psychology*.....New York City
- RADO, ALFRED, B.S. N. Y. U. 1912.....Scarsdale, N. Y.
- REAVIS, GEORGE HARVE, B. S. Missouri 1911.....Burlington Junction, Mo.
- REED, ALBERT ALISON, A. M. Nebraska 1912, A.B. Nebraska 1898..Lincoln, Nebr.
- REIGART, JOHN FRANKLIN, A.B. Dickinson 1888.....Yonkers, N. Y.
- RILEY, JOHN LAWRENCE, A.M. 1914, B. S. 1913.....East Weymouth, Mass.
- ROBINSON, MABEL LOUISE, A.M. 1907, *Zoölogy*.....Waltham, Mass.
- ROGERS, AGNES LOW, A.M. St. Andrews (Scotland) 1908  
*Psychology*.....Underdale, Crieff, Scotland
- ROMER, HELEN DOROTHEA, A.M. 1914, A.B. Vassar 1912.....Ossining, N. Y.
- RUNNELS, ROSS OWEN, A.M. 1915, B.S. 1913.....Maplewood, N. J.
- SHARLITT, MICHAEL, A.M. 1909, A.B. C. C. N. Y. 1903.....Pleasantville, N. Y.
- SHERIDAN, HAROLD JAMES, B.D. Victoria Col., Toronto, 1912, A.B. Toronto 1907, *Religious Education*.....Brockville, Ontario, Canada
- SPENCER, WILLIAM L., A.M. 1915, A.B. Williams 1902, *Psychology*.....North Adams, Mass.
- STARK, WILLIAM A., A.M. Harvard 1901, A.B. Harvard 1895..Hackensack, N. J.
- STACEY, FREDERICK WILLIAM, B.D. Montreal 1913, A.M. McGill 1913, A.B. McGill 1897, *Psychology*.....Quebec, Canada
- STENQUIST, JOHN LANGDON, A.M. 1915, B.S. 1914. *Psychology*....New York City
- STEPHENS, L. WALTER, A.M. 1915, A.M. Princeton 1912, A.B. Princeton 1910.....New York City
- STRUCK, FERDINAND THEODORE, A.M. 1914, B.S. Oregon 1911....Orange, N. J.
- SUCHOFF, LIBBIE, A.M. 1915, A.B. Hunter 1911.....New York City
- SUTER, JOHN WALLACE, Jr., B.D. Episcopal Theological 1914, A.B. Harvard 1911.....Yonkers, N. Y.
- TAO, WEN TSING, A.M. Illinois 1915, A.B. Nanking 1914, *Sociology*..Nanking, China
- TERRELL, ALFRED LYNCH, A.M. 1915, A.B. William and Mary 1905, *Sociology*.....Ashland, Va.
- THEISEN, WILLIAM WALTER, A.M. 1915, B.S. Nebraska 1907..West Point, Nebr.
- TILTON, HAROLD HOYT, A.B. Harvard 1905, *Philosophy*.....Elizabeth, N. J.
- TULASKER, KRISHMAHAI, A.M. Chicago 1915, A.B. Lawrence 1914.....Indore City, India
- TURNER, ARTHUR WILLIAM, A.M. Pennsylvania 1915, A.B. Adolphus 1911.....St. Peter, Minn.
- VAN BUSKIRK, EDGAR F., A.M. 1910, A.B. Rochester 1907.....Brooklyn, N. Y.
- VAN WAGENEN, MARVIN JAMES, A.M. 1912, B.S. 1911, *Psychology*..Ohioville, N. Y.
- WALSH, JOHN JOSEPH, A.M. 1914, B.S. 1912.....New York City
- WEISER, SAMUEL, M.A. N. Y. U. 1912, B.S. C. C. N. Y. 1910....New York City
- WHITE, HOWARD DARE, A.M. 1914, A.B. Franklin and Marshall 1897, *Psychology*.....Jersey City, N. J.
- WHITTAKER, BURTIS ERWIN, A.M. 1914, A.B. Brown 1900.....Oyster Bay, N. Y.

- WILLIAMS, FREDERICK FRANCIS, A.M. 1915, A.B. Amherst 1900, *Sociology*.....Fitchburg, Mass.  
 WOODY, CLIFFORD, A.M. 1913, A.B. Indiana 1908, *Psychology*...Thorntown, Ind.  
 YEATER, LAURA JAMESON, A.M. 1910, A.B. Wellesley 1900.....Sedalia, Mo.  
 YOST, FRANK LANDIS, A.M. 1912, A.B. Bucknell 1906.....Williamsport, Pa.  
 YOUNG, ELIZABETH DUN, A.M. 1908, B.S. 1907, *Philosophy*.....New York City  
 ZIEGLER, CARL WILLIAM, A.M. 1914, B.S. Colgate 1910.....Scranton, Pa.

### Candidates for the Master of Arts Degree and the Teachers College Diploma

The following students are also registered under the Faculty of Philosophy and are pursuing a major course in Education in Teachers College. The minor courses not in Education are given in italics below:

- ABBOTT, MARY ALLAN (Mrs.), A.B. Radcliffe 1899.....New York City  
 ABBOTT, MARY BETH, A.B. Pomona 1909, *Fine Arts*.....Pomona, Cal.  
 ALDRICH, BENJ. MCCALL, A.B. Northwestern 1913, *Physical Science*. Nyack, N. Y.  
 AMANT, ALEXANDER, B.S. 1915, *French*.....New York City  
 ASHWILL, AGNES, B.S. Wesleyan 1904, *Religious Education*.....Puget, Wash.  
 BACH, FRIEDA, A.B. Hanover 1914. *Household Arts*.....Madison, Ind.  
 BADER, HARRIET A., A.B. Wisconsin 1911, *History*.....Terre Haute, Ind.  
 BALDWIN, ANNA DUGAN, A.B. St. Elizabeth 1915.....Jersey City, N. J.  
 BALDWIN, BERTHA NELLIE, B.S. 1909, *Household Arts*.....Roxbury, Mass.  
 BALDWIN, DORA EMILY, A.B. Cedar Falls 1911, *Household Arts*.... Waterloo, Ia.  
 BALDWIN, ROBERT DODGE, A.B. Princeton 1913.....New York City  
 BALL, HELEN FRANCES, A.B. Denver 1913.....Poncha Springs, Colo.  
 BALL, LOIS, A.B. Vassar 1914, *Mathematics*.....New Rochelle, N. Y.  
 BAMBERGER, FLORENCE EILAU, B.S. 1914.....Baltimore, Md.  
 BANGS, FRANCIS HYDE, A.B. Yale 1915, *English*.....New York City  
 BARBER, LOUIS EDWARD, A.B. Harvard 1912.....Reno, Nevada  
 BARNEY, ANNA LOUISE, M.L. Berkeley 1908, B.L. Berkeley 1907..Hanford, Calif.  
 BEAN, FANNY C., B.S. State Normal 1914.....Athens, O.  
 BECKER, ALBERT ALEXANDER, B.S. 1912.....Brooklyn, N. Y.  
 BECKLER, FLORENCE, A.B. Milwaukee-Downer 1915, *Fine Arts*..Milwaukee, Wis.  
 BECKETT, BESSIE BELLE, A.B. Kansas 1914.....Macksville, Kan.  
 BEEKMAN, J. HAROLD, B.S. Rutgers 1911, *Physical Education*...Sayreville, N. J.  
 BEGGS, NELLE, A.B. Wesleyan 1910.....Ashland, Ill.  
 BELKNAP, HELEN, A.B. Oberlin 1913, *Rural Education*.....Waukesha, Wis.  
 BELL, VIOLA MARIA, B.S. Millikin 1911, *Household Arts*.....Mattoon, Ill.  
 BENNETT, ANNETTE, A.B. Wittenberg 1908.....Springfield, Ohio  
 BENT, WILLIAM RICHARD, B.S. Massachusetts Agricultural 1912..Marlboro, Mass.  
 BITTERMAN, ALBERT C., B.S. 1913, *Fine Arts*.....Yonkers, N. Y.  
 BLAISDELL, MARY, A.B. Alma 1915.....State College, Pa.  
 BLAUVELT, ANNA LATOURETTE, B.S. 1915, *Industrial Arts*.....Nutley, N. J.  
 BLODGETT, ELIZABETH, B.S. 1914.....New York City  
 BLUMENTHAL, FRANCES, B.S. 1915, *Psychology*.....New York City  
 BLYTHE, MARY EYA, A.B. Missouri 1910, B.S. Missouri 1908.....Mexico, Mo.  
 BOARDMAN, ANNE EVELYN, A.B. Boston 1891.....Medford, Mass.  
 BOLNIK, LENA, A.B. Hunter 1912, *Mathematics*.....New Rochelle, N. Y.  
 BORKLUND, C. ARTHUR, A.B. C. C. N. Y. 1904, *English*.....New York City  
 BOSWORTH, M. BLANCHE, B.S. 1915, *Kindergarten*.....New York City  
 BRADT, ALICE HELEN, A.B. Wellesley 1907, *Fine Arts*.....Lowell, Mass.  
 BRADY, LENA E., A.B. Michigan 1909, *English*.....Union City, Ind.  
 BRANHAM, MINNIE HICKMAN, A.B. Hanover 1912.....North Madison, Ind.  
 BRECHER, MARTHA W., A.B. Hunter 1915.....Richmond Hill, N. Y.  
 BREDEMUS, JOHN, C.E. Princeton 1912.....South Bend, Ind.  
 BREINGAN, JANET MARGARET, A.B. Wellesley 1915.....Newark, N. J.  
 BRINTON, GRACE, Ph.B. Chicago 1910, *Household Arts*.....Brighton, Ia.  
 BROOKS, FOWLER DELL, A.M. Baker 1911, A.B. Baker 1906.....Norman, Okla.

## 429

BROOKS, ROBERT PEACOCK, B.S. N. Y. U. 1912..... Paterson, N. J.  
BROPHY, JOHN MICHAEL, A.B. Yale 1915..... Waterbury, Conn.  
BROWN, FAITH SEDGWICK, A.B. Oberlin 1903..... Crookston, Minn.  
BROWN, JANE BROOKFIELD, A.B. George Washington 1910, *English*  
Washington, D. C.  
BROWN, LOUIS, A.B. C. C. N. Y. 1914, *German*..... New York City  
BRUCE, JOHN LEE, B.D. Vanderbilt 1890, A.B. Randolph-Macon 1887  
New York City  
BRYANT, SHEILA, A.B. Smith 1909..... Montclair, N. J.  
BULGER, GLEN WHALEN, Ph.B. Syracuse, 1909..... East Orange, N. J.  
BURNS, JOHN H., B.S. 1916..... Oswego, N. Y.  
BURROUGHS, WILBUR GREELEY, A.M. Oberlin 1911, A.B. Oberlin  
1909, *Geography*..... Mt. Hope, N. J.  
BUZZELLE, MARY CHARLOTTE, A.B. Washington 1913..... Moscow, Idaho  
CALDER, BLANCHE, A.B. Hunter 1914..... New York City  
CALFEE, JOHN EDWARD, A.B. Park 1905, *Mathematics*..... Berea, Ky.  
CAMPBELL, ALEXANDER, Ph.B. Alfred 1907..... Brooklyn, N. Y.  
CAMPBELL, BESSIE MARGARETTA, B.S. Purdue 1907..... Sound Beach, Conn.  
CAMPBELL, DOROTHY A.B. Hunter, 1915..... Brooklyn, N. Y.  
CAMPBELL, MARY DOROTHY, A.B. Wilson 1911..... Warren, Pa.  
CARROLL, JULIA, A.B. Barnard 1914, *French*..... Brooklyn, N. Y.  
CARSELY, FANNIE BELLE, A.B. Smith 1908..... Hackensack, N. J.  
CASEY, ALICE MEYERS, A.B. Smith 1912, *English*..... Rouses Point, N. Y.  
CASKEY, THOMAS, A.B. Mt. Union 1898..... New York City  
CASTER, MARY E., A.B. State Teachers College 1913..... Neola, Ia.  
CATE, WILLIAM ERVIN, A.B. Harvard 1895..... Long Branch, N. J.  
CATLIN, MABEL SAYWARD, A.B. Oberlin 1907..... Deer Lodge, Mont.  
CAWL, FRANKLIN R., B.S. 1914..... Yonkers, N. Y.  
CHACE, EDITH PITT, B.S. 1915, *Household Arts*..... New York City  
CHASE, LAWRENCE SEWARD, B.S. Colgate 1909..... Montclair, N. J.  
CHAUNCEY, MARLIN RAY, A.B. Kansas State Normal 1914..... Douglass, Kans.  
CHING, TSO-YEE, A.B. Peking (China) 1908..... Canton, China  
CLARK, HAZEL LORRAINE, A.B. Leland Stanford 1915..... Redlands, Calif.  
CLARK, JENNIE MAE, A.B. Wellesley 1899, *Mathematics*..... Rochester, N. Y.  
CLARK, SUSAN GARDNER, A.B. California 1898..... Honolulu, T. H.  
CLEGO, AMBROSE AUGUSTINE, B.S. Colgate 1912..... Brooklyn, N. Y.  
CLEVINGER, ARTHUR WILBUR, B.S. Earlham 1911..... Muncie, Ind.  
CLOWES, HELEN COE, B.S. 1915, *Kindergarten*..... Hempstead, N. Y.  
CLOSS, MARY (MRS.) Syracuse, 1901..... Syracuse, N. Y.  
COCKRELL, EMERSON TRACY, A.B. Franklin 1912..... Tobinsport, Ind.  
COHEN, ABRAHAM, B.S. 1912..... Brooklyn, N. Y.  
COHEN, ABRAHAM, B.S. C. C. N. Y. 1905, *Physical Science*..... New York City  
COHEN, FRANK, A.B. C. C. N. Y. 1915, *History*..... Brooklyn, N. Y.  
COLBURN, ELIZABETH VANDERPOEL, B.S. 1912, *Fine Arts*..... Albany, N. Y.  
COLMAN, ANNA, A.B. Smith 1914..... La Crosse, Wis.  
COLVILLE, NELL VEVA, B.S. Drake 1912..... Oskaloosa, Ia.  
COMET, GERTRUDE JULIETTA, B.L. Smith 1904, *English*..... Augusta, Ga.  
CONROY, JOHN FRANCIS, B.S. C. C. N. Y. 1914..... New York City  
CONWAY, WILLIAM FRANCIS, A.M. Seton Hall 1904, A.B. Seton Hall  
1902..... Edgewater, N. J.  
COOLEY, MARY ELIZABETH, B.S. 1914, A.B. Vassar 1893..... Poughkeepsie, N. Y.  
COOPER, HOMER EBER, A.B. West Virginia 1907..... Bluefield, W. Va.  
CORWIN, VIOLA MAY, A.B. Missouri 1910, *History*..... Maryville, Mo.  
COULTON, THOMAS EVANS, A.B. C. C. N. Y. 1915..... New York City  
COX, ALICE, A.B. Ohio Wesleyan 1899..... Richmond, Ind.  
CRANSTON, GEORGIA, A.B. Dickinson 1906..... Harrisburg, Pa.  
CREEGAN, HELEN CATHERINE, A.B. Vassar 1911..... New York City  
CROMWELL, RAY, A.B. Indiana 1912..... Clay City, Ind.  
CROUSE, WALTER SUPLEE, Ph.B. Bucknell. 1915..... Honeybrook, Pa.

- CURTIS, FRANCES MAE, A.B. Vassar 1915.....Detroit, Mich.  
 DABNEY, KATHERINE BRENT, A.B. Cincinnati 1914.....Cincinnati, O.  
 DANIEL, ALICE JANET, A.B. Cornell 1910, *Household Arts*.....Traer, Ia.  
 DANZIGER, ALMA, A.B. Hunter 1910, *Music*.....New York City  
 DAVIDSON, BEULAH ELIZABETH, A.B. Nebraska 1915.....Lincoln, Neb.  
 DAVIES, PAUL A., A.B. Pomona 1914.....Los Angeles, Cal.  
 DAVIS, CARRIE GOWER, A.B. Boston 1910.....Long Branch, N. J.  
 DE LAMATER, SARAH LEWIS, A.B. Vassar 1911, *Phys. Educ.*.....New York City  
 DE VILLIERS, WILLIAM MURRAY, A.B. South African College 1908  
     Worcester, Cape Province, So. Africa  
 DE WET, FRANCES, A.B. Huguenot 1898.....Robertson, So. Africa  
 DEXTER, RUEY, A.B. California 1910.....Alameda, Calif.  
 DE ZELLER, M. CORINNE, B.S. 1914.....New York City  
 DICKINSON, MARY ELLEN, A.B. Smith 1911, Ph.B. Denison 1911..Mt. Vernon, O.  
 DICKSON, MARGUERITE, A.B. Hunter 1913.....New York City  
 DIENST, CHARLES FRANKLIN, B.S. Missouri 1914.....Alexandria, Mo.  
 DISBROW, ELSA, A.B. Wellesley 1915.....Newark, N. J.  
 DODGE, BERNICE FRANCES, Ph.B. Chicago 1906.....Elkhart, Ind.  
 DOLE, ETHEL MARY, B.S. Illinois 1915, *Household Arts*.....Champaign, Ill.  
 DREW, FRED LOVELAND, A.B. Harvard 1911.....Poultney, Vt.  
 DROWN, LE GRAND REX, B.S. Wooster 1914.....Wooster, O.  
 DUBOIS, FRANK ARMSTRONG, B.S. Wesleyan 1907, *Industrial Arts*..Sheffield, Pa.  
 DUBOIS, MARY, A.B. Wesleyan 1910.....Degraff, O.  
 DUNCAN, WILLIAM MALCOLM, LL.B. Brooklyn Law 1908, A.B. Lafayette 1904.....Elizabeth, N. J.  
 DWIGHT, ADELAIDE SUSAN, A.B. Smith 1900.....Roselle, N. J.  
 DZUNG, KENYON, B.S. Princeton 1915.....Shao-Hing, China  
 EARLEY, ALBERT, B.S. Dickinson 1910.....Plainfield, N. J.  
 EASLEY, OWEN RANDOLPH, A.M. Harvard 1911, A.B. Virginia 1910  
     Lynchburg, Va.  
 EDENS, OLIVE LORENDIA, B.S. 1907, *English*.....Bellingham, Wash.  
 EDWARDS, SARAH CORNELIA, A.B. Mt. Holyoke 1899.....Metuchen, N. J.  
 EHLERS, JENNIE D., B.S. 1915.....Brooklyn, N. Y.  
 ELLIOTT, HARRISON SACKETT, B.D. Drew 1911, A.B. Wesleyan 1905..New York City  
 ELLSWORTH, ZORA PERKEY, Mrs. A.B. Michigan 1903.....Kalamazoo, Mich.  
 ENGLANDER, LOUIS, A.B. C. C. N. Y. 1912.....New York City  
 ENGLISH, WARREN, B.S. 1912, *Industrial Arts*.....Newark, N. J.  
 ERB, ETHEL SNOW, A.B. Michigan 1906, *Religious Education*....Brocton, N. Y.  
 ERWIN, RACHEL, B.S. 1911, A.B. Vassar 1909.....Oak Park, Ill.  
 EVANS, FANNIE A. B. South Carolina 1902, *History*.....Marion, S. C.  
 EVARTS, EMMA LOUISE, A.B. Boston 1911, *Physical Education*..Somerville, Mass.  
 FAITHFULL, CLARENCE MOODY, A.B. William Jewell 1906.....Richmond, Va.  
 FASH, FRANK ERNEST, Ph.B. Brown, *Mathematics*.....Fall River, Mass.  
 FEENEY, CLARA MEY, B.S. 1911, A.B. Miami 1908.....Oxford, O.  
 FEENEY, EDWIN MARCELLUS, A.B. Miami 1906.....Oxford, O.  
 FEIN, JACOB, B.S. 1915, *German*.....Brooklyn, N. Y.  
 FERNSTRÖM, THORA MARIE, A.B. 1915, *French*.....Brooklyn, N. Y.  
 FILES, RALPH E., A.B. Bates 1895.....East Orange, N. J.  
 FINLEY, ETHEL ESTELLE, A.B. Temple College 1913.....Philadelphia, Pa.  
 FISHBACK, ELVIN HOLT, B.S. 1915.....Hackensack, N. J.  
 FLIEDNER, PAULA M., A.B. Western Reserve 1907.....Cleveland, O.  
 FLYNN, MARGARET KATHLEEN, A.B. St. Elizabeth 1915.....Jamaica, N. Y.  
 FORSELL, ALVA ELVIRA, B.S. 1911.....West New Brighton, N. Y.  
 FOWLE, THEODORE WILSON, Ch.E. Michigan 1912, A.B. Williams 1907.....Auburndale, Mass.  
 FOX, PAULINA PORTER, A.B. New Brunswick 1911.....New Brunswick, Canada  
 FRANKS, NOLA BLY, A.B. Oberlin 1913, *Mathematics*.....Cleveland, O.  
 FREEMAN, LELAND NORMAN, B.S. St. Lawrence, 1913.....Morley, N. Y.  
 FREIFELD, GEORGE FREDERICK, B.S. Wesleyan 1914.....New York City

FREUND, ARTHUR, A.B. C. C. N. Y. 1904.....	New York City
FREUND, FELIX, A.B. C. C. N. Y. 1906.....	New York City
FRIED, DAVID, A.B. C. C. N. Y. 1911.....	Astoria, L. I.
FRIED, HENRY BENJAMIN.....	New York City
FRIEDER, EMMA, A.B. 1913 B.S. 1913, <i>English</i> .....	New York City
FRIEDRICH, CHARLES HENRY SIEBERT, B.S. 1914.....	New York City
GAFFNEY, MATTHEW, B.S. Colgate 1912.....	New York City
GAMBLE, MARY EDITH, B.S. Purdue 1913.....	Logansport, Ind.
GARLOCK, EDITH ALENA, Ph.B. Syracuse 1910.....	Spencerport, N. Y.
GEISS, ANNA M. C., A.B. Adelphi 1908.....	Brooklyn, N. Y.
GEWIRTZ, MAX, A.B. C. C. N. Y. 1913.....	New York City
GIBBS, BERTRAND FRANKLIN, B.S. 1915.....	Fredonia, N. Y.
GIBSON, FRANCES EMMA, A.B. Nebraska 1912, <i>English</i> .....	Fort Morgan, Colo.
GILLETTE, CHARLOTTE, A.B. Syracuse 1909.....	Watertown, N. Y.
GILMORE, ETHEL MELINDA, A.B. Hunter 1915.....	New York City
GINSBERG, ISIDORE, B. S. 1915.....	Brooklyn, N. Y.
GIPPE, HILDA MARIE, A.B. Minnesota 1905.....	Watson, Minn.
GLASS, MAE, A.B. Converse 1913. <i>Kindergarten</i> .....	Uniontown, Ala.
GOETZINGER, KATHERINE BERTHA, A.B. Minnesota 1904.....	Los Angeles, Calif.
GOLD, EMANUEL, A.B. C. C. N. Y. 1906.....	New York City
GOLDBERG, ABRAHAM K., B.S. C. C. N. Y. 1903.....	New York City
GOLDBLATT, ROSE MILDRED, B.S. 1915.....	Norwich, Conn.
GOLDFARB, ISRAEL, B.S. Cornell 1915.....	New York City
GOLDMAN, LOUIS ALBERT, A.B. C. C. N. Y. 1913.....	New York City
GOLL, BERTHA CLEMENCE, B.S. 1915, <i>English</i> .....	Brooklyn, N. Y.
GOLLUBIER, EMIL SAMUEL, B.S. 1915.....	New York City
GOODSON, META TURLEY, A.B. Randolph Macon 1908.....	Morristown, Tenn.
GRAVES, FRANCES CAROLINE, A.B. Tennessee 1907.....	Cuew, Tex.
GRAY, JOHN NEWTON, B.S. 1914, <i>Physical Science</i> .....	Brooklyn, N. Y.
GREEN, LUCY MAY, A.B. Nebraska 1911, <i>English</i> .....	Tonkawa, Okla.
GREINEISEN, WANDA, A.B. Goucher 1911.....	Baltimore, Md.
GROSS, ELLEN KATE, A.B. Goucher 1910, <i>Physical Education</i> .....	Baltimore, Md.
GROSS, JAMES HEILMAN, A.B. Pennsylvania College 1913.....	Westfield, N. J.
GUNBY, OLIVE, A.B. Sophie Newcomb 1912.....	Monroe, La.
GUNTHER, CHARLES FREDERICK, A.B. Williams 1906.....	Poughkeepsie, N. Y.
GUSSOW, NATHAN, B.S. C. C. N. Y. 1914.....	Bronx, N. Y.
HALL, FRANCIS C., B.S. 1916.....	New York City
HALL, R. MILTON, B.S. 1915 <i>Industrial Arts</i> .....	Baltimore, Md.
HALLORAN, WILLIAM FREDERICK, B.S. 1914.....	Cortland, N. Y.
HAMILTON, MAY, A.B. Washington 1906.....	St. Louis, Mo.
HANCOCK, FRANC BENJ., B.S. Lewis Institute 1912.....	Chicago, Ill.
HARPER, MANLY H., A.B. Kansas State Normal 1913.....	La Harpe, Kans.
HARRINGTON, BURRITT CLARK, B.L. Princeton 1913.....	Weedsport, N. Y.
HARTLE, HILDA J., B.S. London 1900.....	Birmingham, England
HAUPIN, JAMES P., A.B. Albany 1910.....	Bloomfield, N. J.
HAUVER, CHARLES T., A.B. St. John's 1915.....	Myersville, Md.
HAWLEY, JAMES, A.B. Dartmouth 1914.....	So. Norwalk, Conn.
HAYS, ELIZABETH, B.S. Idaho 1914.....	Boise, Idaho
HEDDEN, CLARENCE EARLL, M.E. Stevens Institute 1904.....	Caldwell, N. J.
HEFLIN, BESS, A.B. Texas 1913, <i>Household Arts</i> .....	Austin, Tex.
HENDRICKSON, DANIEL TILTON, A.M. Ewing 1907, A.B. Ewing 1906	Port Monmouth, N. J.
HENRY, HELEN NATALIE, B.L. California 1903.....	Oakland, Calif.
HERMAN, GERTRUDE, A.B. Randolph Macon 1911.....	Danville, Va.
HESELBACH, HENRY VALENTINE, B.S. 1914.....	New York City
HESSLER, MARGARET, A.B. James Millikin 1914, <i>Household Arts</i> .....	Decatur, Ill.
HEWES, EARL D., Ph.B. Syracuse 1911.....	Little Falls, N. Y.
HICKSON, LEO THOMAS, A.B. Holy Cross 1911.....	Bangor, Me.
HIESEL, JOSEPHINE M., B.S. 1915.....	White Plains, N. Y.





LATZER, IRMA ADA, A.B. Illinois 1915, <i>Household Arts</i> .....	Highland, Ill.
LAW, GERTRUDE, A.B. Franklin 1914, <i>Household Arts</i> .....	Kent, Ind.
LAWYER, FLORENCE SHIPMAN, A.B. George Washington 1892....	Yonkers, N. Y.
LAZARUS EDWIN MICHAEL, A.M. Trinity 1915, A.B. Trinity 1914..	Bloomsburg, Pa.
LE COUNT, ADELAIDE, A.B. Mt. Holyoke 1913.....	New Rochelle, N. Y.
LE FEVRE, GERTRUDE MELISSA, A.B. Vassar 1911.....	Cobleskill, N. Y.
LEGER, SAMUEL HOWARD, A.B. Washburn 1913.....	Sharon Springs, Kan.
LEMAN, GEORGE WASHINGTON, B.S. C. C. N. Y. 1908.....	Brooklyn, N. Y.
LEUCHS, MAXIMILIAN, A.B. C. C. N. Y. 1903.....	New York City
LEVENE, HARRY, B.S. 1908.....	New York City
LEVINSON, ELSIE FREUDENHEIM, A.B. 1915, <i>Mathematics</i> .....	Yonkers, N. Y.
LEVINSON, GEORGE M., B.S. C. C. N. Y. 1904.....	New York City
LEWIS, IDA BELLE, B.S. Morningside 1909.....	Sioux City, Ia.
LICHTENBERG, JOSEPH, B.S. C. C. N. Y. 1912.....	New York City
LICHTENSTEIN, HARRY RALPH, B.S. C. C. N. Y. 1913.....	New York City
LIFTMAN, EMANUEL FRANK, B.S. C. C. N. Y. 1914.....	New York City
LINN, JOHN SHERIDAN, A.B. Lafayette 1911.....	Westfield, N. J.
LIPPE, ADOPH A., B.S. C. C. N. Y. 1896, <i>Mathematics</i> .....	New York City
LUI, FUNG YAN, A.B. Smith 1915.....	Canton, China
LOCKWOOD, PRISCILLA, A.B. 1913.....	New York City
LOEB, SARA, A.B. Vassar 1899.....	New York City
LONG, ANNABEL B., B.S. 1907.....	Minneapolis, Minn.
LORENTZ, MILTON MORDECAI, A.B. 1914, <i>German</i> .....	Brooklyn, N. Y.
LOSER, PAUL, Ph.B. Muhlenberg 1913.....	Paxtang, Pa.
LUCAS, HARDIN, A.B. Transylvania 1896.....	Paris, Ky.
LUFT, HARRY LEOPOLD, B.S. 1915.....	Brooklyn, N. Y.
LYNCH, LAURA VIRGINIA, A.B. Lake Erie 1914, <i>Religious Education</i> ..	Lakewood, O.
MCALLISTER, JOHN N., B.S. C. C. N. Y. 1908.....	New York City
MCCLURE, ELLA GREENE, B.S. 1914.....	Marietta, O.
MCCLURE, HELEN, B.S. 1913.....	New York City
MACCORMICK, AUSTIN HARBUIT, A.B. Bowdoin 1915....	Boothbay Harbor, Me.
McCRACKEN, JANET WYLIE, A.B. Adelphi 1915, <i>Mathematics</i> ....	Brooklyn, N. Y.
McDERMOTT, MARY, B.S. 1915.....	Bolivar, N. Y.
McELFISH, RUSSELL CONWELL, A.B. Dickinson 1914.....	Chaveysville, Pa.
MACGOWAN, JAMES REESE, A.B. Allegheny 1914, <i>Mathematics</i> ....	Smithport, Pa.
McKEAN, HERBERT ALLEN, B.S. 1915.....	Stockport, Ia.
McKEE DOROTHY, A.B. Vassar 1912, <i>Physical Education</i> .....	Summit, N. J.
McQUAID, JANET LOUISE, A.B. Trinity 1908.....	Springfield, Mass.
MA, MINGHAI, A.B. Wisconsin, 1915.....	Kai-chow, Chihli, China
MACOMBER, HOWARD C., B.S. Union 1910.....	Tarrytown, N. Y.
MADDOCK, HELEN, A.B. California 1915.....	Durate, Cal.
MAHER, MARGARET, A.B. Hunter 1912.....	New York City
MANDEL, EDWARD, A.M. C. C. N. Y. 1891, A.B. C. C. N. Y. 1888..	New York City
MANNING, HELEN EASTMAN, A.B. Elmira 1912, <i>French</i> .....	Elmira, N.Y.
MANSSELL, ISAAC ERRETT, A.B. Tulane 1914.....	Dublin, Tex.
MANY, HAROLD CHASE, A.B. Amherst 1915.....	Port Jefferson, N. Y.
MAPLESDEN, VIDA INEZ, A.M. Bucknell 1911, A.B. Vassar 1908, <i>Latin</i>	Philadelphia, Pa.
MARBLE, ANNA THERESA, A.B. Smith 1906, <i>English</i> .....	Worcester, Mass.
MARLATT, EDWARD THOMAS, Ph.B. Hamline 1903.....	New York City
MARSH, LE VERNE ALDEN, A.B. Allegheny 1903.....	New York City
MARTIN, HARRY WHEELER, A.B. Cornell 1906, <i>History</i> .....	Yonkers, N. Y.
MARTIN, MARY HENRIETTA, A.B. Western College for Women 1908..	Manti, Utah
MATHES, FANNIE PENDEXTER, B.S. N. Y. U. 1915.....	Dover, N. H.
MILLER, CREANOR LISTER (Mrs.), Ph.B. Ottawa 1901.....	Princeville, Ill.
MILLER, PAUL SLOAT, A.B. Penna. College 1910.....	Weehawken, N. J.
MINTHORN, MARY, A.B. Iowa State 1907.....	Newport, Ore.
MONSCH, HELEN, B.S. Chicago 1909.....	Gary, Ind.
MONELL, ALBERTA, A.B. Hunter 1911.....	New York City

- MONROE, DAY, A.B. Washburn 1908, *Household Administration* . . . Topeka, Kans.  
 MOORE, MARGERA HOWARD, A.B. Albion 1912 . . . . . Albion, Mich.  
 MORRISON, JOHN CATCE, B.S. 1915, A.B. Valparaiso 1912. . . . . Hanson, Ill.  
 MORRISSEY, SARA JANE, B.S. 1915. . . . . Rush Lake, Wis.  
 MULLER, WALTER JULIUS, B.S. 1915. . . . . Brooklyn, N. Y.  
 MURPHY, WILLIAM ANTHONY, B.S. 1914. . . . . Brooklyn, N. Y.  
 MURRAH, PAULINE, A.B. Texas 1915, *Household Arts* . . . . . San Antonio, Tex.  
 MUSSELMAN, FREN ZELLO, A.B. Indiana 1910. . . . . Camden, Ind.  
 NEIL, ISADORE, A.B. Northfield 1903, *History* . . . . . Northfield, Mass.  
 NELLIS, E. G. (Mrs.), A.B. Smith 1907. . . . . New York City  
 NESTER, DANIEL HENRY, A.B. Bucknell 1911. . . . . New Ringgold, Pa.  
 NEUMANN, GEORGE BRADFORD, B.D. Hartford 1908, A.B. Wesleyan  
 1905. . . . . New Britain, Conn.  
 NEUMANN, LOUISA S. (Mrs.), A.B. Smith 1907 . . . . . New Britain, Conn.  
 NEWELL, ETHEL, A.B. Nebraska Wesleyan 1908, *English* . . . . . Minden, Neb.  
 NICHTHAUSER, PAULINE, A.B. Hunter 1915 . . . . . New York City  
 NUSSEY, HERBERT VINCENT, A.B. C. C. N. Y. 1914. . . . . Brooklyn, N. Y.  
 OSTERHOLM, LISA, B.S. 1914. . . . . Ann Arbor, Mich.  
 PAINE, ALICE MAY, B.S. 1908. . . . . New York City  
 PAPE, CHARLES, A.B. C. C. N. Y. 1913, *Latin* . . . . . Brooklyn, N. Y.  
 PARTRIDGE, RUTH GORDON, A.B. Wellesley 1915, *English* . . . . . Madison, N. J.  
 PEABODY, MAY ELLA, A.B. Middlebury 1906, *English* . . . . . Salem Depot, N. H.  
 PEPPER, WILHELMINE H., A.B. Hunter 1911, *Fine Arts* . . . . . New York City  
 PERLSTEIN, PHILIP, A.B. C. C. N. Y. 1905. . . . . New York City  
 PERSONS, METTA ELIZABETH, A.B. Chicago 1899. . . . . New York City  
 PETERSON, ANNA KATRINA, B.S. Wellesley 1894. . . . . McGregor, Ia.  
 PFAHL, HOWARD FREDERICK, A.B. Western Reserve 1911, *Mathematics* Cleveland, O.  
 PIKE, KATHERINE STEVENS, A.B. Smith 1910 . . . . . Eastport, Me.  
 PIPKIN, EMILY EDITH, A.B. Hollins 1912. . . . . Reidsville, N. C.  
 PLATTNER, FRANK JOSEPH, A.B. Seton Hall 1907. . . . . Utica, N. Y.  
 POLLOCK, ROSALIE, B.S. 1909. . . . . Fargo, N. Dak.  
 PORE, ORIN EUGENE, A.B. Wooster 1906. . . . . Berea, O.  
 PORTER, LUCIUS CHAPIN, B.S. Yale 1906, A.B. Beloit 1901. . . . . Peking, China  
 PRASHKER, LOUIS, A.B. C. C. N. Y. 1913. . . . . New York City  
 PRATT, GERALD S., B.S. Albany 1914. . . . . Spring Valley, N. Y.  
 PRICHARD, EVA ZITELLA, A.B. Wellesley 1898, *German* . . . . . West Somerville, Mass.  
 PRYOR, HERBERT, B.S. Missouri 1912. . . . . Mexico, Mo.  
 PURSLEY, EMMA STINE, A.B. Illinois 1915, *Physical Education* . . . . . Kansas City, Mo.  
 PYLE, STEPHEN DONALD, A.B. Brown 1910. . . . . Brooklyn, N. Y.  
 QUINN, EDWARD JOSEPH, B.S. 1912. . . . . New York City  
 RABINOWITZ, BENJAMIN, A.B. C. C. N. Y. 1915. . . . . Brooklyn, N. Y.  
 RAPPAPORT, GUSTAV S. B.S. C. C. N. Y. 1915. . . . . Brooklyn, N. Y.  
 REIGART, KATHARINE, B.S. 1916. . . . . Yonkers, N. Y.  
 REISNER, WALTER LEWIS, Ph.B. Muhlenberg 1915, *Industrial Arts* Millersville, Pa.  
 RHODES, MABEL VIOLA, A.B. Oberlin 1910, *Mathematics* . . . . . Oberlin, O.  
 RICKER, DAN JONES, A.B. Middlebury 1909. . . . . Waterbury, Vt.  
 RIGGS, ELLEN EARLE, A.B. Michigan 1914. . . . . Ann Arbor, Mich.  
 ROBERTS, WILLIAM HENRY, A.B. Rochester 1900, *Philosophy* . . . . . Boston, Mass.  
 ROBERTSON, DOROTHY VIRGINIA, A.M. Oberlin 1913, A.B. Oberlin  
 1912. . . . . Oberlin, Ohio  
 ROBINSON, MARY ELIZABETH, B.S. 1915. . . . . St. John, New Brunswick, Canada  
 ROCKWELL, HARRY WESTCOTT, A.B. Brown 1903. . . . . White Plains, N. Y.  
 RODDY, GARY, A.B. Colorado State 1913 . . . . . Greeley, Colo.  
 ROGERS, E. GERTRUDE, A.B. Mt. Holyoke 1898. . . . . New Britain, Conn.  
 ROGERS, MABEL TITSWORTH, Ph.B. Alfred 1907. . . . . Daytona, Fla.  
 † ROGERS, MURIEL WARD, A.M. 1912, A.B. Vassar 1911, *Physical  
 Education* . . . . . New York City  
 ROLFE, AMY LUCILE, A.B. Illinois 1908. . . . . Champaign, Ill.

ROSEN, BENJAMIN, B.S. 1915.....	Baltimore, Md.
ROSENBERY, JOHN, E.E. Lafayette 1911, <i>Industrial Arts</i> .....	Palmyra, N. Y.
ROTHENSTEIN, JACOB ABRAHAM, B.S. 1915, <i>Mathematics</i> .....	Brooklyn, N. Y.
ROTGER, JESSIE B., A.B. Illinois 1914.....	Wellington, Ill.
RULAND, DORA, A.B. Syracuse 1915, <i>Physical Education</i> .....	Patchogue, L. I.
SANDERS, EDWARD ISAAC, A.B. C. C. N. Y. 1912.....	New York City
SCHANTIN, GEORGE WENCE, B.S. Oregon 1912.....	Portland, Ore.
SCHAPIRO, EMMA REMA, A.B. Hunter 1915.....	New York City
SCHAPIRO, JOSEPH, M.D. Columbia 1905; B.S. C. C. N. Y. 1901...	New York City
SCHNEIDER, WILLIAM STEVENSON, A.B. Adelphi 1912, Pd.B. Albany 1899.....	Albany, N. Y.
SCHUBERT, ELSA, A.B. 1913, <i>German</i> .....	Three Bridges, N. J.
SCHUYLER, ETHEL TIMBRELL (Mrs.), A.B. Syracuse 1897, <i>Latin</i> . Prince Bay, S. I.	Wellington, N. Y.
SCHWAB, RACHEL CATHERINE, A.B. Lake Erie 1913.....	Shelby, O.
SCHWARTZ, ISIDORE A., B.S. C. C. N. Y. 1913.....	New York City
SCHWARTZ, SOPHIE, A.B. Hunter 1913.....	New York City
SCOTT, CLARA AGNES, B.S. 1913.....	Marietta, O.
SCOTT, RAY, Ph.B. Hiram 1914.....	Youngstown, O.
SEIDLIN, JOSEPH, B.S. 1915, <i>Mathematics</i> .....	Hurleyville, N. Y.
SELLARDS, KATE L., A.B. Kansas 1905.....	Burlingame, Kan.
SEYMOUR, MARY FRANCES, A.B. Mt. Holyoke 1898, <i>Biology</i> .....	Winsted, Conn.
SHAFFER, ROY LEE, Ph.B. Dickinson 1909.....	Morristown, N. J.
SHANHOLT, HENRY HARRIS, B.S. 1916.....	New York City
SHAPIRO, WILLIAM, A.B. C. C. N. Y. 1913.....	New York City
SHAROT, MARY ELIZABETH, A.B. Adelphi 1914.....	Brooklyn, N. Y.
SHLUGER, ALEXANDER L., B.S. N. Y. U. 1914.....	New York City
SHUPP, PAUL FREDERICK, Ph.B. Chicago 1914.....	Hillsdale, Mich.
SIMMONS, ISABEL, A.B. Wellesley 1907.....	Brooklyn, N. Y.
SKINNER, GERTRUDE ELIZA, B.S. 1912, <i>Kindergarten</i> .....	Brooklyn, N. Y.
SLAYTON, MAXMILLIAN HENRY, A.B. 1915, <i>Latin</i> .....	New York City
SLEEPER, HARRIETT AUGUSTA, A.B. Mt. Holyoke 1902, <i>Biology</i> ..	Haverhill, Mass.
SMITH, ALICE I. (Mrs.), A.B. Wellesley 1903.....	Brattleboro, Vt.
SMITH, FREDERICK JOSEPH, B.S. 1914.....	Weehawken, N. J.
SMITH, FRANK OSGOOD, A.B. Randolph-Macon 1902.....	Warrenton, Va.
SMITH, GEORGE L., B.S. 1915, <i>Mathematics</i> .....	Portchester, N. Y.
SMITH, KENNETH, B.S. 1915, LL.B. Southern California 1912. .	Los Angeles, Cal.
SMITH, L. BREWSTER, A.B. 1905.....	Mount Vernon, N. Y.
SNOW, MABEL, A.B. Hunter 1914.....	New York City
SPEARING, JESSIE, A.B. Sophie Newcomb 1905, <i>Mathematics</i> ....	Columbia, Tenn.
SPEARS, JOSEPH A., B.S. C. C. N. Y. 1906.....	New York City
SPICER, RALPH HAROLD.....	Adams, N. Y.
SPRAGUE, HARRY ALONZO, B.S. 1914, <i>Elementary Education</i> .....	Newark, N. J.
STECKLER, ELSIE, A.B. Hunter 1914.....	New York City
STEEGAR, WILLIAM HENRY, B.S. N. Y. U. 1907.....	Garfield, N. J.
STERN, DAVID SUSSMAN, B.S. 1915.....	New York City
STERN, MAX, A.B. C. C. N. Y. 1913.....	New York City
STILES, KATHRYN JOSIEPHINE, A.B. Iowa State University 1911, <i>English</i> Mt. Pleasant, Ia.	
STILWELL, MARY ELIZABETH, B.S. St. Lawrence 1912.....	Canton, N. Y.
SUCHMAN, HARRY, A.B. C. C. N. Y. 1915.....	New York City
SYDNOR, ELMER WILLIAMS, A.B. Richmond 1911.....	Richmond, Va.
TAGGART, MARTHA, Ph.B. Wooster 1909.....	Wooster, O.
TAPIA, ALEJANDRO, B.S. 1914.....	Aguadulce, Panama
THOMAS, GUY, B.S. Pennsylvania College 1905.....	Brooklyn, N. Y.
THOMASER, EDMUND ADOLPH, B.S. 1914, <i>German</i> .....	New York City
THOMPSON, EVELYN BRAGG, A.B. Vassar 1914.....	Morristown, N. J.
THOMPSON, FRANKLIN CONDIT, A.B. Williams 1903.....	South Norwalk, Conn.
THURBER, MONA (Mrs.), Ph.B. Chicago 1913.....	New York City
TILLINGHAST, CHARLES CARPENTER, A.B. Brown 1906.....	Nutley, N. J.
TODD, RHODA HANNA, A.B. Wellesley 1906.....	New York City



WOODY, WALTER THOMAS, A.B. Indiana 1913.....Thorntown, Ind.  
 YORK, GERTRUDE IRENE, A.B. Illinois 1911.....Temple, Ariz.  
 ZIMMERMAN, JOSEPH, A.B. C. C. N. Y. 1915.....New York City

## UNCLASSIFIED STUDENTS

ALLEN, WILLIAM C., B.S. C. C. N. Y. 1895.....Brooklyn, N. Y.  
 BAYES, FLORENCE, A.B. Miami, 1911.....Wauseon, Ohio  
 BERMAN, EDWARD, A.B. Yale 1911.....Bayonne, N. J.  
 BEST, LINDSAY, A.M. Hamilton 1901, A.B. Hamilton 1899.....Plainfield, N. J.  
 BILLMAN, A. MELVILLE, A.B. Ursinus 1912.....Landisburg, Pa.  
 BOAS, BELLE, B.S. 1915.....New York City  
 BRANDT, MAURICE C., A.M. N. Y. U. 1906 A.B. C. C. N. Y. 1898,..New York City  
 BROWN, MARGUERITE, B.S. Kentucky, 1815.....Lexington, Ky.  
 CAMPBELL, FLORENCE WILDER, (Mrs.) A.M. 1915.....New York City  
 CHAPMAN, HAZEL, A.B. Rochester 1910.....Edgewater, N. J.  
 COIT, GERTRUDE A.M. 1915, A.B. Smith 1913.....New London, Conn.  
 CORNISH, CHARLOTTE H., B.S. 1907.....Gillette, N. J.  
 CRAMER, MARY EVA, A.M. 1903, Ph.B. Wesleyan 1895.....Portland, Conn.  
 DANIEL, NELL MARGARET, A.M. Cornell (Iowa) 1893, A.B. Cornell  
 (Iowa) 1892.....Traer, Ia.  
 DENLINGER, HENRY K., A.M. Princeton 1895, A.B. Princeton 1890..New York City  
 DEVER, MARY MOTTU, A.M. 1915, A.B. Goucher 1912.....New York City  
 DE WOLFF, JOHANNE, A.B. Hunter 1911.....Summit, N. J.  
 DEYO, LOUIS DEWITT, A.M. 1915, B.S. 1906.....Roselle Park, N. J.  
 DONOHUE, THOMAS J., A.M. 1905, B.S. C. C. N. Y. 1897.....New York City  
 EDWARDS, FAITH, A.M. 1915, B.S. 1913.....Washington, D. C.  
 FEINBERG, CLEMENT, A.B. 1915.....New York City  
 FINLAYSON, ALMA JESSIE, A.M. 1912, B.S. 1910.....Charlottetown, Canada  
 FLANDERS, ADDIE E., A.B. Wellesley 1904.....New York City  
 GILMAN, ALFRED ALONZO, A.B. Nebraska 1898.....Hankow, China  
 GOODWIN, ETHEL L., A.M. 1910, A.B. 1909.....New York City  
 GREENFIELD, SOL., B.S. 1913.....New York City  
 GREENBERG, ABRAHAM B., A.B. C. C. N. Y. 1904.....New York City  
 GREENMAN, ALICE M.....Englewood, N. J.  
 HAGEMEYER, FRANK H., B.S. 1915.....New York City  
 HARRINGTON, EVALINA, A.M. 1914, B.S. 1909.....New York City  
 HIRSHCOFF, PINCUS, A.M. 1914, A.B. 1913.....Brooklyn, N. Y.  
 HIRSCHER, WILLIAM, B.S. C. C. N. Y. 1909.....New York City  
 HURLBURT, FLOYD, A.B. Princeton 1903.....Islip, L.I.  
 JAMES, EDITH, A.B. Vassar 1913.....New York City  
 JENNE, HOZELE, Ph.B. Syracuse 1907.....Gouverneur, N. Y.  
 KEMP, ANNIE B., A.M. 1915, A.B. Hood 1913.....Frederick, Md.  
 KOTTMAN, WILLIAM A., A.M. 1902, B.S. C. C. N. Y. 1886.....New York City  
 LELAND, ABBY PORTER, Ph.D. 1911, A.B. 1905.....Mechanicsville, N. Y.  
 LEVY, LOUIS, B.S. C. C. N. Y. 1911.....New York City  
 LEWIS, JAMES CAMPBELL, SR., A.M. Kentucky 1907.....London, Ky.  
 LEWIS, NORA, A.B. Toronto 1908.....Toronto, Canada  
 LICHTERMAN, DOROTHY, A.B. Hunter 1915.....New York City  
 LOOMIS, CLARA DENISON, A.M. 1901, A.B. Smith 1900.....Yokohama, Japan  
 LUBY, WALTER FREDERIC, A.M. Harvard 1911, A.B. Ohio State 1909. Zanesville, O.  
 MACKLER, ALFRED D., B.S. N. Y. State 1914.....New York City  
 MADDOCK, HELEN, A.B. Berkeley 1915.....Duarte, Cal.  
 MARGOLIN, MANUEL, A.B. C. C. N. Y. 1911.....New York City  
 MEYER, ANITA T.....New York City  
 NOSWORTHY, EMILY, A.B. Hunter 1901.....New York City  
 OLLER, MARIE, A.M. 1913, B.L. Smith 1903.....New York City  
 PALMLAND, REBECCA, A.M. N. Y. U. 1912, B.S. N. Y. U. 1911..Brooklyn, N. Y.  
 POLLITZER, ALICE K., (Mrs.) A.B. 1893.....New York City

PRITCHETT, IDA WILLIAMS, A.B. Bryn Mawr 1914.....	New York City
RAMSEY, ELOISE, A.M. Ohio State 1914, A.B. Ohio State 1907.....	Chicago, Ill.
RAYNOR, NINA FRANCES, A.M. 1906, A.B. Vassar 1905.....	Carbondale, Pa.
RHODES, CLARA LAWTON, A.M. 1910, A.B. Shorter 1892.....	Murfreesboro, Tenn.
RIBLET, GRACE E., A.M. 1913, B.S. 1908.....	Fanwood, N. J.
RILEY, MARIETTA, A.M. N. Y. U. 1913, A.B. Adelphi 1907.....	Brooklyn, N. Y.
ROBINSON, ANNA E., A.M. N. Y. U. 1911, A.B. Hunter 1900.....	New York City
SAMSON, MARY EVELYN, A.B. Simpson 1909.....	Des Moines, Ia.
SAVITZ, J. J., Pd.D. N. Y. U. 1902, B.S. N. Y. U. 1899.....	Westfield, N. J.
SCHOONOVER, ELIZABETH HERST, A.B. Smith 1909.....	Matteawan, N. Y.
SMEAD, ANNIE ELIZABETH, A.M. Ohio State 1907, A.B. Ohio State 1904.....	Toledo, Ohio
SPECTOR, THOMAS, B.S. C. C. N. Y. 1914.....	New York City
STEWART, DOROTHY G., A.B. Mt. Holyoke 1915.....	Woodhaven, N. Y.
TAYLOR, HELEN G., A.M. 1908.....	Hawthorne, N. Y.
THOMPSON, MARTHA, A.M. 1909, A.B. 1905.....	Norsemere, N. J.
THURBER, NONA, (Mrs.) Ph.B. Chicago 1913.....	New York City
WATERBURY, NORMA ROSE, A.B. Vassar 1904.....	Beverly, Mass.
WEST, LOUIS FRANCIS, B.S. 1915.....	Brooklyn, N. Y.
WILLIAMS, MARGARETTA, A.B. Smith 1911.....	Long Branch, N. J.
WYLIE, IRENE E. B. (Mrs.), A.M. Indiana, 1908, A.B. Indiana 1906.....	New York City

**Professional Students Candidates for the Bachelor of Science Degree and  
the Teachers College Diploma**

**SENIORS**

ANDERSON, GRACE M.....	Brooklyn, N. Y.
BANKER, CAROLYN E.....	New York City
BIGELOW, ALICE VIOLET.....	New York City
BILLINGS, FLORA EMELINE.....	Canton, Mass.
BLAKE, HAROLD ROCKWOOD.....	Marlboro, Mass.
BROWN, SARAH INGERSOLL.....	New York City
BUNCE, EDGAR.....	Lodi, N. J.
CARPENTER, SARA ELIZABETH.....	Clover Land, Ind.
CLARK, MARION G.....	Newark, N. J.
COLEMAN, LUCY SINGLETON.....	Richmond, Va.
COOK, REBECCA.....	Fall River, Mass.
COONEY, GENEVIEVE.....	Flushing, L. I.
COOPER, IRMA JANE.....	Rutherford, N. J.
CORTADA, SARA EMMA.....	New York City
CUMMINGS, ALBERT JOHN, JR.....	Jersey City, N. J.
DE HAVEN, BESSE L.....	Cynwyd, Pa.
DICKINSON, DOROTHY.....	Brooklyn, N. Y.
DIXON, EDITH DEBORAH.....	Winona, Minn.
DOUGAL, MARGARET.....	Milton, Pa.
DUKE, LUCY WILLIAMSON.....	Richmond, Va.
DURYEA, MADELINE S.....	Farmingdale, N. Y.
ENGEL, BARBARA A.....	Manhasset, L. I.
FARNHAM, CARRIE EVANGELINE.....	New York City
FILIPETTI, GEORGE.....	West Hoboken, N. J.
GAUL, MARY ELIZABETH.....	Yonkers, N. Y.
GILLMORE, LAURA A.....	Moravia, N. Y.
GOODLANDER, MABEL.....	Rockford, Ill.
GOODRICH, BESSIE BACON.....	Kalamazoo, Mich.
GRAHAM, ROBERT NEELY.....	Honey Brook, Pa.
GRAVES, FLOY ANGELINE.....	Rome, N. Y.
HAFFELE, EDITH.....	Fonda, Iowa
HARRINGTON, LENA M.....	Olivet, Mich.

HELBING, GENEVA S.	Glenwood, Minn.
HIRSDANSKY, SARA (Mrs.)	New York City
Hsu, EMILY TWAN KWEI	Foochow, China
KEYS, ELIZABETH MAY	Yonkers, N. Y.
KIEFFER, NORA AMELIA	Millersburg, Pa.
KILTS, ETHEL LENORE	Tonawanda, N. Y.
KLEINKNECHT, KATHERINE	Newton, Kan.
KNOX, EDITH MARION	Du Bois, Pa.
LEVIN, ISAAC HARRIS	Newark, N. J.
LOBSENZ, MARGARET	New York City
MASTERS, MARGARET	Marlton, N. J.
MCDILL, ALLAN CONOVER	Stevens Point, Wis.
MCLESTER, AMELIA	Nashville, Tenn.
MOEHLING, EMMA B.	Brooklyn, N. Y.
MOORE, FLORA LEONE	Kalamazoo, Mich.
MORRILL, ALICE MARY	St. Albans Bay, Vt.
MORSE, KATHERINE MARIAN	Omaha, Neb.
MURPHY, ANNA BLANCHE	Manchester, N. H.
PAASHAUS, LOUISE FREDERICKA	Elizabeth, N. J.
PAUL, ELSA M.	New York City
PAWAR, RADHABAI	Baroda City, India
QUIGLEY, JESSIE GRACE	Gilman City, Mo.
ROBINSON, ETHEL MARIA	Orange, N. J.
RUDERSDORF, LAURA	So. Omaha, Neb.
SCOTT, KATHERINE	Milledgeville, Ga.
SEESSEL, KATHARINE OSWELL (Mrs.)	New York City
SHUPP, DOROTHEA LOUISE	New York City
SISK, M. LUCETTA	Glyndon, Md.
SLOAN, MARY JOSEPHINE	Worthington, Ind.
SMITH, ESTELLE HOWES	Denver, Colo.
SPROAT, A. MAUDE	Topeka, Kans.
TAKAMORI, FUJI	Nagasaki, Japan
TOWER, NELLIE ALTA	Hanover, Mass.
TOWSE, ANNA BERNEDETTA	Oswego, N. Y.
VANUXEM, MARY	Newark, N. J.
WAGENVOORD, ALICE	Lansing, Mich.
WAGNER, GILBERT CHARLES GEORGE	Woodside, N. Y.
WALSH, ELIZABETH ANNA	Marathon, N. Y.
WANNER, DORA ELIZABETH	Shillington, Pa.
WARREN, MARY FRANCES	New York City
WELCH, FLORENCE M.	Passaic, N. J.
WHITE, LILLIAN	Brooklyn, N. Y.
WOODWARD, ELIZABETH V. (Mrs.)	Flemingsburg, Ky.

## UNCLASSIFIED UNDERGRADUATE STUDENTS

AAGESON, KATHERINE	Thomaston, Me.
AARONSON, REBECCA	New York City
ABRAMS, JEANNETTE FREADA	New York City
ALBERT, HELEN	New York City
ALDEN, ISABEL	Summit, N. J.
ALDEN, MARY DOTY (Mrs.)	Calgary, Canada
ALLEN, GRACE AMELIA	Oswego, N. Y.
ALLISON, JEAN	Allentown, Pa.
ARGETSINGER, MINNIE M.	Yonkers, N. Y.
ARNETT, MABEL	Clarence, Mo.
ARNOLD, ANNA E.	Cottonwood Falls, Kans.
BAKER, SARAH LOUISE	Troy, N. Y.
BARR, OSCAR O.	South Amboy, N. J.

BATE, ALFRED J.	Yonkers, N. Y.
BAUGH, ADA	Broadway, Va.
BEAN, SUSAN H.	Philadelphia, Pa.
BEATTY, PETER FRANKLIN	Chicora, Pa.
BEECHER, MARION E.	New York City
BERRY, ADELAIDE BEEKMAN	New Rochelle, N. Y.
BILLINGS, MYRA ISAAC	Hartford, Conn.
BIRD, KATHERINE	New York City
BLAUVELT, WILLIAM HENRY	New York City
BODINE, MARTHA C.	Belvidere, N. J.
BOHM, FLORENCE	New York City
BOND, RAY	Macon, Ga.
BOOTHBY, ARTHUR Z	Rensselaer, N. Y.
BOYNTON, ANNA L.	Pepperell, Mass.
BRADNER, CAROLINE MARGARET	Warwick, N. Y.
BRANNIN, NELLE	Atlantic Highlands, N. J.
BRECKENFELD, META	New York City
BREWSTER, ELIZABETH VAN ALLEN	Indianapolis, Ind.
BRIGGS, ANNIE BENNETT	East Orange, N. J.
BRISTOL, RUTH LOUISE	Kimberly, Wis.
BROHL, ALTA	Sandusky, O.
BROOKS, MRS. F. D.	New York City
BUCK, OLGA	Hackensack, N. J.
BULLOCK, FLORENCE M.	New York City
BULLOCK, GRACE THAYER	Pawtucket, R. I.
BURDICK, MAIDA C.	Stamford, Conn.
CANNON, VIVIAN MARY	Jersey City, N. J.
CHASE, SARA	Keene, N. H.
CLARK, MARION G.	Newark, N. J.
COBURN, EMILY E.	Newark, N. J.
COCKS, LUCY E.	Saugerties, N. Y.
COFFIN, REBECCA	Indianapolis, Ind.
COHEN, ANNA SURUT (MRS.)	Far Rockaway, L. I.
COHEN, GERTRUDE	Paterson, N. J.
COLBERT, EMMA	Indianapolis, Ind.
CONLESS, JOSEPH	Brooklyn, N. Y.
COOLEY, MAY B.	Hempstead, N. Y.
COONEY, GENEVIEVE	Flushing, L. I.
COPPENS, VERLE FRANCES	Grand Rapids, Mich.
CORNELL, DAISY ELIZABETH	Hudson Falls, N. Y.
CRAIG, GEORGE W.	Frostburg, Md.
CROCKER, HELEN WALLACE	Binghamton, N. Y.
CROWELL, ANNIE E.	Hammerton, N. J.
CULKIN, MABEL LOUISE	Duluth, Minn.
DANNAKER, UNITY RAMSEY	Wayne, Pa.
DAVISON, EDNA SUYDAM	Brooklyn, N. Y.
DAY, ELLEN	Catskill, N. Y.
DE ZELLER, MAY PEARL	New York City
DIKEMAN, LOTTIE E.	New York City
DIXON, LOUISE A.	West Bloomfield, N. Y.
DODGE, SUSAN M.	Long Meadow, R. I.
DODSON, AGNES DANIELL	Grand Junction, Colo.
DONAHUE, MARY ELLEN	Penn Yan, N. Y.
DONALD, MARY E.	Canton, Minn.
DRAKE, MAUDE E.	Seattle, Wash.
DRISCOLL, MARY LOUISE	Paterson, N. J.
DUFFY, ELIZABETH	New York City
DUNCAN, MARY	New York City
DUNN, GRACE AGNES	Trenton, N. J.



DUNNE, ALICE.....	New York City
DYE, LESTER NORINE.....	Marietta, O.
ECKMAN, GRACE.....	Indianapolis, Ind.
ECKSTEIN, OLGA M.....	New York City
ELDER, HELEN.....	Dayton, Ohio
ELLSWORTH, FRANK E.....	Kalamazoo, Mich.
EMERSON, JULIA TITUS.....	New York City
EMMONS, MARY.....	Weehawken, N. J.
EVANS, KATHLEEN.....	Gainesville, Ga.
FARMER, FLORENCE C.....	Mexico, N. Y.
FARRELL, HELEN W.....	New York City
FELSENHELD, ANITA HELEN.....	New York City
FERGUSON, ALICE M.....	New York City
FILIPETTI, GEORGE.....	West Hoboken, N. J.
FINKELSTEIN, IDA ROSE.....	Brooklyn, N. Y.
FLICK, JOSEPH D.....	West New Brighton, S. I.
FLORER, ALICE.....	York, Neb.
FOLSOM, PERCY NICHOLAS.....	Manchester, N. H.
FOSS, ETHEL M.....	Pittsfield, N. H.
FRANK, CLARA M.....	Newark, N. J.
FRANKLIN, LOUISA G.....	New York City
FREELAND, DAISY TAYLOR.....	Garfield, N. J.
FRY, AMBROSE J.....	New York City
GARRETSON, ANNA KATE.....	Quinton, Oklahoma
GETZ, ELIZABETH M.....	Brooklyn, N. Y.
GIEBEL, MABEL K.....	Muncie, Ind.
GILLESPIE, MINNIE TODD.....	Morristown, N. J.
GINZBERG, SIMON.....	New York City
GJESDAHL, FREDERIK.....	Bergen, Norway
GODFREY, LYDIA ESTELLE.....	Huntington, L. I.
GOLDFARB, SAMUEL ELEZER.....	New York City
GORDON, MARY MAGDALENE.....	New York City
GOTTLIEB, ISRAEL.....	Brooklyn, N. Y.
GRANDIN, FRANCES.....	New York City
GREEN, EVA A.....	Shrewsbury, N. J.
GREENBAUM, MAMIE ROSALIND.....	Bridgeport, Conn.
GREENFIELD, CAROLINE.....	New York City
GRIMES, LOUISE ROBBINS.....	Rocky Hill, Conn.
GUINEY, DAN F.....	Nutley, N. J.
GURNEE, DIMON DEMAREST.....	Hempstead, N. Y.
GYSBERS, GRACE.....	Woodcliff-on-Hudson, N. J.
HAFFELE, EDITH.....	Fonda, Ia.
HARTNETT, EDMOND E.....	Brooklyn, N. Y.
HARTWIG, ANNA LOUISE.....	Philadelphia, Pa.
HICKS, GLADYS.....	Talladega, Ala.
HICKS, KATHERINE HELEN.....	Scranton, Pa.
HILL, DONNA IRENE.....	Detroit, Mich.
HILL, ETHEL MAY.....	Norfolk, N. Y.
HILL, LOUISE BILES (Mrs.).....	Kansas City, Mo.
HODGSON, FRED J.....	Paterson, N. J.
HOLEMAN, LUCIE.....	Bowling Green, Ky.
HOLLEY, ELLA JOSEPHINE.....	Stamford, Conn.
HOOPER, MINNIE LOUISE.....	North River, Warren Co., N. Y.
HOTCHKISS, HOPE.....	Shelburne Falls, Mass.
HOWARD, HARRIET.....	Ionina, Mich.
HUNTSMAN, GRACE.....	South Bend, Ind.
HUTTON, SARA E.....	New York City
IRVINE, ELIZABETH S.....	New York City
JEHNEK, FRANCES F.....	New York City

JEWELL, FLORA MAY	Long Beach, Cal.
JOHNSON, ABIGAIL ELIZABETH	Morristown, N. J.
JOHNSON, ADELAIDE ISABELLE	Traverse City, Mich.
JOHNSON, LOUISE	Columbus, Ga.
JONES, ANNA A.	Elmhurst, L. I.
JONES, OLIVE D.	Salt Lake City, Utah
KEHRER, AGNES	Newark, N. J.
KELLOGG, ANNA MARY	Brooklyn, N. Y.
KELLOGG, HELEN A.	Brooklyn, N. Y.
KELLOGG, MARION P. S. (Mrs.)	New York City
KENDEL, ELIZABETH H.	Greeley, Colo.
KETCHAM, PARLEY SMITH	Westfield, N. J.
KIELY, MARGARET VERONICA	Bridgeport, Conn.
KLAER, BERTHA	Milford, Pa.
KNAPP, ELLEN V. H.	Hawthorne, N. J.
KNOX, MARY L.	New York City
KOHLER, ELSIE	New York City
KRAUTER, EDITH	Glen Ridge, N. J.
KREYKENBOHM, DORA	Mt. Vernon, N. Y.
LARKIN, JESSIE LEITH	Waterbury, Conn.
LASSLWELL, ARTHUR CHESTER	Brooklyn, N. Y.
LAWLOR, GLADYS	Elizabeth, N. J.
LAWRENCE, EFFIE L.	Boulder, Col.
LAWRENCE, FRANCES	Honolulu, H. I.
LAWRENCE, M. MINERVA	Sequin, Wash.
LEFLER, ROCKWELL MARK	Perth Amboy, N. J.
LEUCH, ELSA ANNA	Brooklyn, N. Y.
LEWIS, ETTA S.	New York City
LIGHT, RALPH	Jersey City, N. J.
LINN, RUHE V.	Dacono, Colo.
LINTON, ELSIE	Saginaw, Mich.
LOEB, JOSEPHINE	New York City
LONG, BENJAMIN F.	Englewood, N. J.
LOOBY, THÉRÈSE	Oyster Bay, N. Y.
LOVE, NELLIE HANLON	Decatur, Ill.
LOVELL, EDNA	Hackensack, N. J.
LOVSNES, MARIE	Moorehead, Minn.
LOWITZ, ANGIE	Newark, N. J.
MCADELL, WESLEY EMERY	New York City
MCCARTY, ADELAIDE	Indianapolis, Ind.
MCCRUM, ALMA	Huntington, Ind.
MACDONALD, CECIL C.	Lawrence, N. J.
MCKEEHAN, FRANK	Williamsburg, N. Y.
MCLEAN, MARGARET	E. Orange, N. J.
McLIN, ANNA EVA	New York City
McLOUTH, FLORENCE EDITH	Ann Arbor, Mich.
McNAUGHTON, JANET	Battle Creek, Mich.
MACKAY, GRACE	Addison, N. Y.
MANDUJANO, GRACIELA	New York City
MANHEIM, VIOLA	New York City
MARTIN, IRENE	New York City
MARTINEZ, MARIA	Mexico City, Mex.
MASTERSON, HARRIS	Houston, Tex.
MATHENY, LOUISE	Springfield, Ill.
MATTHEWS, ANNA	Chestertown, Md.
MATTHEWS, CLARA D.	Elizabeth, N. J.
MATTHEWS, MARY	Elizabeth, N. J.
MEDITZ, ROSE G.	South Oil City, Pa.
MILLER, ETTA MAY	Brookline, Mass.

MILLS, MARTHA CHALMERS.....	New York City
MILSNER, JACOB I.....	Brooklyn, N. Y.
MINER, FLOYD H.....	Hackensack, N. J.
MITCHELL, IDA.....	New Orleans, La.
MITCHELL, LUCY.....	New York City
MOORE, JESSIE ELEANOR.....	Bloomfield, N. J.
MORRELL, JULIA LOUISE.....	Tully, N. Y.
MORRIS, ZELLA HARRIET.....	Lewiston, Idaho
MOSS, HELEN.....	New York City
MOTT, SARAH M.....	New York City
MURPHY, GEORGIA BARTLETT.....	Jamestown, N. Y.
MURPHY, HELEN ADELAIDE.....	Boston, Mass.
MURPHY, MARY ETHEL.....	Englewood, N. J.
MYERS, ROBERT STEVENS.....	Ridgewood, N. J.
N <sup>o</sup> COLLINS, BERTYNE (MRS.).....	New York City
NETTLETON, BERTHA ELIZA.....	East River, Conn.
NIELSEN, NIELS K.....	Springville, Utah
NOONAN, JULIA M.....	New York City
NUI, SHIOMI.....	Hiroshima, Japan
O'DELL, FLORENCE.....	New Brunswick, N. J.
OLSAN, WILLIAM DAVID.....	Elma, Wash.
O'ROURKE, WINIFRED I.....	New York City
PALIN, MINERVA LYON (MRS.).....	Peru, Vt.
PALMER, MARITTA.....	Hillsdale, N. J.
PARISH, CURTIS E.....	Nutley, N. J.
PATTEN, RUTH.....	Newton Centre, Mass.
PEASE, MARY L.....	Cortland, N. Y.
PECHBUR, RUTH EMILLE.....	New York City
PETERSEN, ANNA JEANNETTE.....	Berlin, Wis.
PHILLIPS, ETHEL CALVERT.....	Jersey City, N. J.
PIEDALUE, MARY RICHARDSON.....	Athol, Mass.
PIERCE, MARY D.....	Hamilton, Va.
PITCAIRN, FANNIE.....	New York City
RADLEY, HERMAN CLINTON.....	Stony Point, N. Y.
RAISIN, SARAH FRANCES.....	New York City
RAKE, ETHEL MARION.....	Chatham, N. J.
RAMSAY, MARY.....	Brooklyn, N. Y.
RANDALL, CYRIL FRANKLIN.....	East Braintree, Mass.
RANDALL, FRANK OTIS.....	Moscow, Idaho
RATHBUN, MINA RECAR.....	Riverhead, Ill.
REDMOND, KATHERINE.....	Oxford, N. Y.
REGAN, MARY ANASTATIA.....	New York City
REHILL, GERTRUDE.....	White Plains, N. Y.
REIDY, KATHARINE LOUISE.....	New York City
REIZENSTEIN, HAZEL L.....	New York City
REYNOLDS, GRACE.....	New York City
REYNOLDS, MABEL.....	Roxbury, N. Y.
RICHARDS, DELIA M.....	Jackson, Mich.
RITTER, HARRY.....	Brooklyn, N. Y.
ROBB, ENA.....	Houston, Tex.
ROBB, ETHEL.....	Amsterdam, N.Y.
ROBINSON, MERLE E.....	Cedar Falls, Ia.
ROEDER, MARY STEIN.....	Glen Rock, Pa.
ROGER, IDA EVANS.....	Port Chester, N. Y.
ROTHERMEL, ELIZABETH SCHAEFFER.....	E. Orange, N. J.
RUSSELL, G. OSCAR.....	Conejos, Col.
RYDER, JULIA.....	Fond du Lac, Wis.
SANFORD, CAROLINE BERNICE.....	Marlette, Mich.
SAUNDERS, LUCY SOMERVILLE.....	Union Level, Va.

SCHMITT, JOSIE B.	Brooklyn, N. Y.
SEABROOK, EVELINE G.	Passaic, N. J.
SEARLES, ERMA	Nyack, N. Y.
SEPULVEDA, BEATRIZ A.	Salttillo, Coah., Mex.
SEYFARTH, ELISE A.	New York City
SHANNON, MARIE LOUISE	Camden, S. C.
SHERMAN, LUCIA F. E.	Apulia Station, N. Y.
SLOANE, BOYD L.	Montclair, N. J.
SMITH, ANSON WESTON	Brooklyn, N. Y.
SMITH, EZELLA	Port Huron, Mich.
SMITH, HELEN	Elizabeth, N. J.
SMITH, ISLA VIRGINIA	Richmond, Va.
SMITH, LEONORA A.	Atlanta, Ga.
SMITH, RUTH LAVINIA	New York City
SNIVELY, MARY L.	Greencastle, Pa.
SPAULDING, JEAN ELECTA	Groton, N. Y.
SPIER, ETTA R.	Greensboro, N. C.
SPROAT, A. MAUD	Topeka, Kan.
STEPHENS, LUCY NASH	Brooklyn, N. Y.
STEVENS, LEDA B.	Barre, Vt.
STEWART, RUTH A.	Brooklyn, N. Y.
STOCKINGER, WESLEY A.	Union City, Ind.
SUMMER, LULU	Lincoln, Neb.
SWAIM, ANNE MARGARET	Newark, N. J.
SZABO, MARGARET B.	Fort Lee, N. J.
TACHAU, FLORA	Woodmere, L. I.
TALLMAN, EDNA A.	Suffern, N. Y.
TAYLOR, FRED M.	Mulberry Grove, Ill.
TAYLOR, HATTIE OPHELIA	Fitzgerald, Ga.
TEAS, ELIZABETH, M.	Brooklyn, N. Y.
TESSIER, EDITH LAURINA	New York City
THELANDER, ALMA S.	Portland, Ore.
THOMPSON, ANNA JANE	Linesville, Pa.
THOMPSON, MAUD E.	New York City
TIEMAN, ETHEL PETERS	Brooklyn, N. Y.
TIERNEY, SAMUEL, JR.	Paterson, N. J.
TRAVIS, EMMA	Hillburn, N. Y.
TRITES, FLORA	Canton, Ill.
TRUMPER, MAY	Kalispell, Mont.
TUMPSON, MARTHA	New York City
TURNER, EMMY R.	New York City
TURNER, LIDA KENNEDY	Columbus, Neb.
VALLANCE, MARY	Fowlerville, N. Y.
VAN BIBBER, LENA CHEW	Bel Air, Md.
VANCE, MYRA	Peoria, Ill.
VAUGHN, ADA M.	Richmondville, N. Y.
VEAZEY, CAMILLE	New York City
VICTORIUS, PAULINE J.	New York City
WAGENVOORD, ALICE	Lansing, Mich.
WALKER, EVELYN	New York City
WALKER, JULIA	New York City
WARBURG, CAROLA	New York City
WARE, GLADYS	New York City
WATSON, MARION E.	Lookout Mountain, Tenn.
WELLS, FLORENCE	New York City
WERNER, MIRIAM	New York City
WHITAKER, LUELLA N. C.	Bellingham, Wash.
WHITLOCK, SARAH O.	New Brunswick, N. J.
WILLIAMS, MARGARETTA	Long Branch, N. J.

WILLIAMS, MARY.....	Oak Park, Ill.
WILLIAMSON, EFFIE MAY.....	Cedar Rapids, Ia.
WILLARD, EDA G.....	Strong, Me.
WILSON, EMILY NEWCOMB (Mrs.).....	Pelham, N. Y.
WILSON, MINNIE J.....	Wausau, Wis.
WINELAND, GRACE.....	Bryan, O.
WISE, ADELAIDE J.....	New York City
WOODS, FRANCES C.....	Brooklyn, N. Y.
WOODS, M. INEZ.....	Brooklyn, N. Y.
WOODY, ALICE MAY.....	Terre Haute, Ind.
WORKMAN, ANNIE JOSEPHINE.....	Birchcliff, Ontario, Canada
WRIGHT, CATHERINE DELAFIELD.....	New York City
YOUNG, FLORENCE MEGUS.....	Charlemont, Mass.
ZACHRY, CAROLINE BEAUMONT.....	New York City

## SCHOOL OF PRACTICAL ARTS

## FRESHMEN

ALLEN, ELIZABETH S.....	New York City
BADGLEY, RUTH ADELAIDE.....	Dunkirk, N. Y.
BAKER, MARJORIE LOIS.....	Greenville, Pa.
BARNARD, VIVIA.....	New York City
BARON, YETTA.....	El Paso, Texas.
BASSETT, FLORENCE.....	Erie, Pa.
BAUER, EVANGELINE.....	Dumont, N. J.
BEDELL, LU ELLA ETHEL.....	Richmond Hill, L. I.
BEERS, GERTRUDE ARMENIA.....	New York City
BENNETT, VIRGINIA.....	Frankfort, Ky.
BERNHOLZ, EMILY.....	New York City
BERNSTEIN, MARIE ROSE.....	Pleasantville, N. Y.
BIGELOW, ELEANOR MAY.....	Moodus, Conn.
BIRD, MADGE.....	Chicago, Ill.
BISHOP, HELEN.....	Bridge Hampton, N. Y.
BLACK, DOROTHY LAWRENCE.....	Jacksonville, Ill.
BLOCH, BIRDIE.....	Patterson, N. Y.
BLUMGARTEN, CECILIA.....	New York City
BOUGHTON, MARGARET.....	Brooklyn, N. Y.
BRADY, ALICE.....	Covington, Ky.
BRAINERD, RUTH M.....	Holyoke, Mass.
BRANNER, ETHEL.....	New York City
BRICE, LILIAN KIRKLAND.....	New York City
BROOKES, ELIZABETH.....	St. Louis, Mo.
BROTHERLIN, HELEN MARCHAND.....	Hollidaysburg, Pa.
BROUGH, FRED.....	New York City
BROWN, PHILIP EDWARD, JR.....	Port Washington, L. I.
BUCK, BEATRICE.....	New York City
BURDICK, HARRIET ESTHER.....	Wilkes Barre, Pa.
BURNETT, EDITH.....	New York City
BURNS, ALICE.....	New York City
CAMPBELL, MARY ELIZABETH.....	Napoleon, O.
CANFIELD, GERTRUDE.....	East Orange, N. J.
CHEW, ELEANOR MUCHMORE.....	Morristown, N. J.
CHOBOTSKY, IRMA.....	Jersey City, N. J.
CLEVELAND, MARION.....	Princeton, N. J.
COCHRAN, ELLEN.....	Maysville, Ky.
COHEN, ESTHER.....	Jersey City, N. J.
COHEN, EVELYN.....	Palisade, N. J.
COHEN, OSCAR L.....	Pleasantville, N. Y.
COLBORN, LENA C.....	Scottdale, Pa.

COLE, DOROTHY.....	Newnan, Ga.
COLLINS, CHARLES RAYMOND.....	Brooklyn, N. Y.
COOPER, JULIA HORNER.....	Oxford, N. C.
COUSE, EMILY WINSOR.....	Asbury Park, N. J.
CROCHERON, MARGARET G.....	Mt. Vernon, N. Y.
CROLL, VICTORIA.....	Mt. Vernon, N. Y.
CRONIN, LILLIAN TERESA.....	Minerva, N. Y.
CROOK, LAURA.....	Champlain, N. Y.
CROSELMIRE, NEVA SARA.....	Newark, N. J.
CUTLER, HARRIET BULKLEY.....	Mt. Hermon, Mass.
DAVIS, IRENE URSULA.....	New York City
DAVIS, SEXXA (Mrs.).....	New York City
DEWITT, KATHARINE.....	Jersey City, N. J.
D'HUMY, ELENA THEODORA.....	Englewood, N. J.
DILLON, MARIE.....	Holyoke, Mass.
DODSON, PHYLLIS.....	Berwick, Pa.
DOW, HORACE.....	Maspeth, L. I.
DRAKE, HELEN DABRON.....	Westtown, N. Y.
DUGAN, MARY.....	Hazleton, Pa.
DURAM, MARGARET.....	Yonkers, N. Y.
EBERLEIN, BERNICE.....	Cleveland, Ohio
ECKERT, EDNA M.....	Newark, N. J.
EHRLICH, PHILIP.....	New York City
EVANS, RUTH.....	Springfield, Mass.
FENDER, CONSTANCE.....	New York City
FINLEY, ESTHER ELIZABETH.....	Assiut, Egypt
FISCHER, MARIE.....	New York City
FITCH, NATALIE K.....	Upper Montclair, N. J.
FLAGG, ESTHER BURR.....	Hasbrouck Heights, N. J.
FREIMUTH, EDNA.....	Duluth, Minn.
FRONTERA, MARY M.....	Maspeth, L. I.
FULLER, FORD RICHARD.....	Brooklyn, N. Y.
FULTON, AGNES FRASER.....	Yonkers, N. Y.
GARRISON, OLIVE.....	Yonkers, N. Y.
GAVIN, WINIFRED.....	Olean, N. Y.
GIFFORD, DOROTHY.....	Tarrytown, N. Y.
GIFFORD, LAURA ROSALIE.....	Cleveland, O.
GILCHRIST, FRANCESCA.....	New York City
GLOVER, FRANCES BEARCE.....	Hebron, Me.
GOLDEN, MARY FRANCES.....	Marlinton, W. Va.
GOLDWÖRM, MAURICE LEONARD.....	Brooklyn, N. Y.
GOODMAN, STELLA.....	New York City
HALE, ELMIRA.....	New York City
HALL, LAURA MARGARET.....	Dunstable, Mass.
HARRIMAN, IRENE.....	Rahway, N. J.
HARRISON, ELIZABETH EYSTER.....	New York City
HEINS, JOHN.....	New York City
HERZOG, NINA RANGER.....	New York City
HIGGINS, OLIVIA CAMERON.....	Glen Ridge, N. J.
HOAG, LAURA CAROLYN.....	New York City
HOFFORD, MARIAN.....	Dallas, Tex.
HOPPER, MARIE.....	Ridgewood, N. J.
HOPPING, CAROL.....	Bridge Hampton, L. I.
HORTON, EUDORA BELLE.....	Middletown, N. Y.
HUGHES, SARAH ARNEY.....	Asheville, N. C.
HYMAN, BARNEY BENJAMIN.....	Brooklyn, N. Y.
IMMIL, MARIAN VON KAMMERER.....	Mt. Vernon, N. Y.
JACOB, EDNA HILDA.....	New York City
JAMES, MAE.....	New York City

JOHNSEN, HILDA.....	Greenport, L. I.
JOHNSON, LEONORA ELMONT.....	Jersey City, N. J.
JONES, LUCY EMELINE.....	Jersey City, N. J.
KALB, ABRAHAM I.....	New York City
KAUFMAN, ROSETTA C.....	New York City
KOROBOW, ALBERT.....	Brooklyn, N. Y.
KOSKY, SOPHIE BEATRICE.....	Yonkers, N. Y.
LAMONT, JOHN W.....	Brooklyn, N. Y.
LAMSON, KATHARINE.....	Tacoma, Wash.
LAUER, MARIE IDA.....	New York City
LEICHLITER, CARRIE S.....	Trenton, N. J.
LEONARD, CLARE.....	East Orange, N. J.
LIBERMAN, BERTHA.....	New York City
LIVINGSTON, ELSIE.....	Englewood, N. J.
LORD, MARGHERITA.....	New Canaan, Conn.
LOWENSTEIN, IRMA.....	Wilkes Barre, Pa.
MCADORY, MARGARET.....	Bessemer, Ala.
MADDI, PATTRONELLA.....	New York City
MASON, JAMES F.....	Paterson, N. J.
MAYER, MARION.....	Corona, N. Y.
MAYNARD, NORMA FIELD.....	Burlington, Vt.
MEADS, MARY AILEEN.....	New York City
MERRILL, EVANGELINE.....	New York City
MILLAR, KATHARINE S.....	Asbury Park, N. J.
MONROE, CYNTHIA.....	Topeka, Kansas
MORESS, ELSIE.....	White Plains, N. Y.
MOREY, HELEN.....	Brooklyn, N. Y.
MORRIS, MIRIAM E.....	New York City
MUNRO, MARTHA.....	Kansas City, Mo.
MURRAY, ALICE WINTON.....	Scranton, Pa.
NORRIS, ROSALIND.....	New York City
NORTHROP, NANCY.....	Camden, N. J.
OATES, HELEN.....	Cleveland, O.
OETTINGER, MARGARET.....	Scranton, Pa.
O'KEEFE, EVELYN.....	South Orange, N. J.
PATTESON, JESSAMINE.....	Tarrytown, N. Y.
PFEIFER, ETHEL.....	Ridgewood, N. J.
PORTER, CLIFFORD EDEN (Miss).....	Huntington, L. I.
PORTER, HELEN.....	Lynn, Mass.
RASEY, DOROTHY WHEDON.....	Holyoke, Mass.
RAST, HAZEL E.....	New York City
RAWSON, ADELAIDE.....	Ridgewood, N. J.
RAYMOND, MABEL V.....	New York City
REAGLE, FRANK.....	Boonton, N. J.
RICHIE, MARY.....	Brooklyn, N. Y.
RICKER, KATE.....	Fredericksburg, Va.
RIDLEY, HELEN E.....	New York City
RILEY, RUTH.....	New York City
ROOD, ELIZABETH CROSSETT.....	Pleasantville, N. Y.
ROOSE, GERTRUDE.....	Perrysburg, O.
RYAN, ELLEN M.....	Brooklyn, N. Y.
SANDELS, MARGARET RECTOR.....	Fort Smith, Ark.
SCHENBERG, ABRAHAM J.....	New York City
SCHINDLER, CLARA ROSALIND.....	New York City
SCHOLZ, MARION ANNA.....	New York City
SHATTUCK, MARIAN.....	Fulton, N. Y.
SHEERER, REBEKAH.....	Greensburg, Pa.
SHERWIN, KATHERINE ISABEL.....	Valhalla, N. Y.
SHIPMAN, DOROTHY.....	New York City

SINGER, AUGUSTA	New York City
SINNETT, DOROTHY	Dayton, O.
SIRGINSON, ELLA	Bellingham, Wash.
SMITH, LE ROY	Trenton, N. J.
SOBEL, LEONORE	Mamaroneck, N. Y.
STEPHENSON, HILDA	Lakewood, N. J.
STEVENSON, HELEN CLARE	Brooklyn, N. Y.
STONE, MARION	Marion, Conn.
STRANG, ANNA VIOLET	Brooklyn, N. Y.
STRATTON, GLADYS ELIZABETH	Burlington, Vt.
STREIGHT, HARRIETT HELEN	Omaha, Neb.
STERZ, EMILY	Woodcliff, N. J.
SWINBURNE, SUSIE PEARY	Hackensack, N. J.
TEEPLE, GEORGIA FLETCHER	Ft. Morgan, Colo.
THOBURN, ELSIE E.	Montclair, N. J.
THOMAS, SARA FRANCES	Chattanooga, Tenn.
THOMPSON, DOROTHY GRACE	Cooperstown, N. Y.
THOMPSON, RUTH	Factoryville, Pa.
THURSTON, MARJORIE	New York City
TISDALE, DORIS	New York City
TOWNE, MILDRED	Jersey City, N. J.
TUTTLE, JESSIE	Newark, N. J.
TUTTLE, MARGARET ELISABETH	Syracuse, N. Y.
VAN SANTFORD, ETHEL	Dumont, N. J.
WANDELL, MINNIE	New York City
WAPLE, CATHERINE	Tyrone, Pa.
WARNER, ELEANOR	Riverhead, N. Y.
WARREN, RUTH DAVENPORT	Washington, D. C.
WATERS, KAETHE (MRS.)	New York City
WATTS, FRANCES ELIZABETH	Glen Ridge, N. J.
WETSTEIN, FLORENCE	New York City
WHITELEY, HAZEL MATILDA	Boise, Idaho
WILLIAMS, GRACE DOROTHY	West Winfield, N. Y.
WINSLOW, GENEVA	New York City
WITT, RUTH	Flushing, N. J.
WOLPER, ELLA	New York City
YEATES, CONSTANCE	Minneapolis, Minn.
ZONS, CLARISSA L. G.	New York City

## SOPHOMORES

ABBOTT, GRACE	Yonkers, N. Y.
ADAMS, HELEN	Amherst, O.
AHRENS, SARA VIRGINIA	Peekskill, N. Y.
ALFONZO, JUANITA	Nutley, N. J.
ANDERSON, ALICE LINNEA	Brooklyn, N. Y.
BALLOU, MARION KATHERINE	New York City
BAUER, SYLVIA M.	New York City
BERNSTEIN, EVELYN	Pleasantville, N. Y.
BLATZ, ELIZABETH C.	Elizabeth, N. J.
BLIVEN, HELEN	New York City
BRODERICK, KATHARINE M.	Jersey City, N. J.
BRYAN, JOHN BUCKLEY	Brooklyn, N. Y.
BURROUGHS, WALLACE	Mt. Hope, N. Y.
CARBERRY, FANNIE B.	Elizabeth, N. J.
CAREY, ROSAMOND INEZ	Plainfield, N. J.
CLOUTING, JEANNETTE	Sea Isle City, N. J.
COBURN, ELIZABETH S.	Meridian, Miss.
COFFIN, MILDRED E.	New Rochelle, N. Y.
COLWELL, ISOBEL M.	New York City



CONNER, ETHEL STONE.....	Washington, D. C.
CONWAY, ALICE E.....	Holyoke, Mass.
COOK, GLADYS H.....	New York City
CRAMER, JOSEPHINE CLEMENTINE.....	Bradford, Pa.
CUTLER, HELEN CUSHING.....	Mount Hermon, Mass.
DARLING, CLARA CONKLING.....	Hicksville, N. Y.
DAVIDSON, ELIZABETH J.....	New York City
DELANO, LUCY LORRAINE.....	Halesite, N. Y.
DELANO, SAIDEE E.....	Halesite, N. Y.
DODGE, RUTH.....	Newburyport, Mass.
DUDLEY, MARGUERITE ALDRICH.....	New York City
DUNCKER, ANITA LOUISE.....	Brooklyn, N. Y.
EDLING, ALICE MILDRED.....	Ridgewood, N. J.
EHRHART, ADELA.....	New York City
EMERY, DOROTHY W.....	Concord, N. H.
FOOS, IRVIN DEMAREST.....	Reading, Pa.
FRITZ, HELEN MARIE.....	New York City
GANZ, ESTELLE.....	Jersey City, N. J.
GILLARD, DORIS.....	Englewood, N. J.
GILMAN, EDITH GLADYS.....	Bethel, Vt.
GILMAN, ESTHER ALICE.....	Bethel, Vt.
GODDARD, MYRA HARRIET.....	Leonia, N. J.
GOODRICH, KATHARINE.....	Ossining, N. Y.
HAGADORN, MARIAN JANE.....	Olean, N. Y.
HALL, EDWINA.....	New York City
HANN, DOROTHY ROSS.....	Passaic, N. J.
HASKINS, BERTHA K.....	Wellsville, N. Y.
HAYNES, PATTI GUILFORD.....	Anniston, Ala.
HAYS, RUTH.....	New York City
HILL, RUTH.....	Flemington, N. J.
HOBBY, BESSIE.....	New York City
HOFF, LOUISE RUTH.....	Yonkers, N. Y.
HOLBROOK, LOUISE GERTRUDE.....	East Orange, N. J.
HUTCHINGS, MABEL I.....	Chassell, Mich.
ILLMAN, MARY G.....	Pinebrook, N. J.
ISENBERG, BERTHA.....	Wheeling, W. Va.
JACOBS, MORRIS.....	Bayonne, N. J.
JACOBSON, ABRAHAM.....	Newark, N. J.
JANNEY, REBECCA.....	Baltimore, Md.
JOHNSON, SARAH E.....	Troy, N. Y.
KLAUBERG, MARGUERITE.....	New York City
KLEINER, FLORENCE.....	New York City
KENNEDY, OLIVE INGALLS.....	Scranton, Pa.
LAMSON, JULIA RUTH.....	Norwalk, Conn.
LANDRETH, HELEN ADELIA.....	Schenectady, N. Y.
LAUB, CYRIL G.....	Brooklyn, N. Y.
LEE, EVELYN.....	New York City
LEFFINGWELL, ETHEL TRIPPETT.....	Upper Montclair, N. J.
LINDNER, ESTHER.....	New York City
LITTELL, FLORENCE LUCY.....	Brooklyn, N. Y.
LLOYD, DOROTHY A.....	New York City
LOW, MARGARET JUANITA.....	Brooklyn, N. Y.
MACFADDEN, HARRIETTE ELIZABETH.....	Holidaysburg, Pa.
MACMILLAN, HELEN MAY.....	Brooklyn, N. Y.
MACK, IRENE MARIE.....	Olean, N. Y.
MALTBY, CATHERINE LINSLEY.....	Northford, Conn.
MANN, MARGARET E.....	Lewiston, Pa.
MATTESON, DOROTHEA E.....	Mt. Vernon, N. Y.
MAVER, JESSIE LOUISE.....	Jersey City, N. J.

MEDRICK, CHARLOTTE N.	Port Jervis, N. Y.
MENAGH, ANNA	Jersey City, N. J.
MEYER, IDA RUTH	New York City
MILLER, MAREA	Hoosick Falls, N. Y.
MINOR, KATHRYN TOWNSEND	Flushing, N. Y.
MORAN, HELEN BROWNE	Brooklyn, N. Y.
MULLIN, MARJORIE WAYNE	Germantown, Pa.
NIVER, MAE	Craryville, N. Y.
NOLTE, FREDERICK CHRISTIAN	Long Island City, N. Y.
O'CONNER, MARY	New York City
O'DONNELL, MARY PATRICIA CLARE	New York City
OSTRANDER, GRETCHEN POND	Schuylerville, N. Y.
PAGE, PHYLLIS	Oakland, N. J.
PATTERSON, BLANCHE SEELY	College Park, Md.
PETTIT, ELEANOR	Grimsby, Ontario, Canada
PINKERTON, ELEANOR DAWSON	Baltimore, Va.
PRICE, MARY M.	Lewisburg, W. Va.
RABINOWITZ, HELEN	Jersey City, N. J.
RHODES, ELLA	Saginaw, Mich.
RICE, ETHEL	Marshallville, Ga.
ROBERTSON, MARGARET J.	Stamford, N. Y.
ROBISON, LEAH	Mt. Vernon, N. Y.
ROSENFELD, HELEN MARY	New York City
ROSENTHAL, ABRAHAM	New York City
ROYCE, HELEN	Englewood, N. J.
SCHAPIRO, MARY LILLIAN (Mrs.)	New York City
SCHODER, EMILY CATHERINE	New York City
SCHWARZKOPF, CLARA BERNHARD	New York City
SCOTT, FLORENCE MOORE	Highland Mills, N. Y.
SECTOR, FLORA	Indianapolis, Ind.
SERGEANT, WINIFRED ANN	Mt. Vernon, N. Y.
SHERMAN, DUDLEY DAVID	New York City
SHERMAN, MARY WHEATON	New York City
SHIGO, ANNA GERTRUDE	Freeland, Pa.
SHRODER, JOAN A. W.	Brooklyn, N. Y.
SIEBERN, WILLIAM	Jersey City, N. J.
SIGLAR, GRACE ELIZABETH	North Germantown, N. Y.
SLAWSON, ETHEL LOUISE	New York City
SMITH, IRENE MARIE	Clifton, S. I., N. Y.
STEINSCHNEIDER, FRIEDA	Hastings, N. Y.
STEVENS, MARY E.	Hobart, N. Y.
STICKNEY, ALICE MARGUERITE	Elizabeth, N. J.
STOBAUGH, FRANCES ALBERTINE	Englewood, N. J.
STOCKTON, DOROTHY P.	New York City
STOLL, RUTH L. V.	New York City
STORMS, DOROTHY ANDERSON	Buzzard Bay, Mass.
STULL, JOSEPHINE	Wilkes Barre, Pa.
SYZE, FREDA VIRGINIA	New Brighton, N. Y.
TAYLOR, CHRISTINE AGNES	Astoria, N. Y.
TEFFT, HELEN	New York City
THOMPSON, HILA	Rochester, N. Y.
TRAUTH, EDWARD	Brooklyn, N. Y.
TREYZ, SARAH LOUISE	Cook's Falls, N. Y.
TUTTLE, MARY BROOKINGS	Plattsburgh, N. Y.
TYSON, ELEANOR	Pelham, N. Y.
VAN DYCK, ALICE DOUGLAS	Newark, N. Y.
VAN RIFER, GLADYS	Jersey City, N. J.
VAN VOLKENBURGH, ELSIE M.	Bethel, Conn.
WALLERSTEIN, EVA	Philadelphia, Pa.

WALSH, NORMA	New York City
WARNER, CHRISTINE M.	Baltimore, Md.
WATSON, ELLEN P.	Spencer, Mass.
WEBER, ALBERT FREDERICK	Linden, N. J.
WELDON, EVERETT D.	Pittsfield, N. H.
WELLES, ANNA HUNT	Scranton, Pa.
WESTHEIMER, DORIS MINNETTE	Ardmore, Okla.
WHEELER, THELMA	Northport, N. Y.
WILKES, BERTHA CORINNE	New York City
WILLIAMS, RUTH HOLLAND	Norwood, O.
WITTNER, HELEN D.	Brooklyn, N. Y.
WOODRUFF, ADELIA CLARA	Cleveland, O.
YOUNG, HELEN	Mt. Vernon, N. Y.
ZABRISKIE, ALICE	East Northfield, Mass.

## JUNIORS

ABLAHADIAN, ELEAZA	Constantinople, Turkey
ACKERMAN, ALPHRA	Hillsdale, N. J.
ACKLEY, STELLA	Superior, Wis.
ADAMS, HAROLD J.	Paterson, N. J.
AGETON, AURA CHESSINGTON	Santiago de las Vegas, Cub.
ANDERSON, MARGARET DEMAREST	Mt. Vernon, N. Y.
ASHCRAFT, JEAN	Monroe, N. C.
ASHMEAD, SAMUEL	Bridgeton, N. J.
AUSTIN, IDA F.	East Orange, N. J.
AVCHEN, BESSIE	Perth Amboy, N. J.
BACHE, HARRIET	Washington, D. C.
BAKER, NELL	Greenville, S. C.
BARAD, VICTORIA	Brooklyn, N. Y.
BARTS, ADELAIDE	Virgil, Ill.
BEASLEY, CLARA	Ellington, Conn.
BECKERS, CAROLINE ANNA	Hoboken, N. J.
BERGEN, MAUDE THORNELL	Queens, L. I., N. Y.
BERRY, CONSTANCE E.	New York City
BETTS, HELEN	Highwood, N. J.
BISHOP, ELIZABETH	Buffalo, N. Y.
BOGART, MADGE TOZER	Minneapolis, Minn.
BREILING, RALPH	Brooklyn, N. Y.
BRENNAN, RUTH REGINA	Yonkers, N. Y.
BRONWERE, HELEN WILDER	Garfield, N. J.
BROWN, AZALIA M.	Albany, N. Y.
BRYAN, A. MARGUERITE	Brooklyn, N. Y.
BURCH, DORTHULA	Harlick, N. Y.
BURNS, SHERMAN M.	Oswego, N. Y.
BYRON, OLGA	Jersey City, N. J.
CABELL, CALVERT	New York City
CAMPBELL, ELIZABETH	Monica, Ill.
CAMPBELL, NELLE JANE	Upper Montclair, N. J.
CARMAN, KENNETH VINCENT	W. Somerville, Mass.
CARLING, MARTHA VERITY	Toronto, Ontario, Canada
CARTER, HELENE	Leonia, N. J.
CASTELLO, FRANCES	Brooklyn, N. Y.
CHAMPION, CLARA WEST	Clinton, N. Y.
CHRISTIE, LILLIAN J.	Jersey City, N. J.
CHURCH, NANCY JANE	Walworth, Wis.
CLARKE, FRANCIS	Jersey City, N. J.
COFFER, FLORENCE	Washington, D. C.
COHEN, ALMA JOHANNA	New York City

COHEN, MARY RUTH	Jersey City, N. J.
COMEGYS, EVA	Everett, Wash.
CONAHEY, LUCIUS	New Brunswick, N. J.
CONNORS, RAYMOND P.	Paterson, N. J.
CONRAN, M. KATHARINE	Brooklyn, N. Y.
COOPER, FLORENCE ALICE	Toledo, O.
COYNE, GRACE CATHARINE	Yonkers, N. Y.
CRETCHER, DONNA	De Graff, O.
CULVER, FLORENCE ELIZABETH	Harrisville, N. Y.
CUSHING, WINIFRED	Waltham, Mass.
DANFORTH, GRACE M.	Philadelphia, N. Y.
DARLING, MARGARET	Burlington, Vt.
DAVENPORT, MILLIA C.	Cold Spring Harbor, N. Y.
DAVIS, LOIS HEGEMAN	Roslyn, N. Y.
DEARNLEY, IRENE ELIZABETH	Philadelphia, Pa.
DESPRES, BERTHILDE	New York City
DEVEREUX, MILDRED	Everett, Wash.
DIEHL, ELEANOR CATHARINE	Port Chester, N. Y.
DIKEMAN, ORLISTA L.	Worcester, N. Y.
DINWIDDIE, MARTHA DABNEY	Clarksville, Tenn.
DIX, LESTER	Cape May Court House, N. J.
DIXON, LOUISE A.	West Bloomfield, N. Y.
DONKERSLOAT, ALFARETTA	Newark, N. J.
DOUGLASS, KATE SHERRILL	Pasadena, Cal.
DREBEN, ROSE	New York City
DUBOIS, BARBARA	North Haven, Conn.
DUBOIS, ELLEN	Forest Glen, N. Y.
DUBOIS, NELLIE A.	New Paltz, N. Y.
DUNN, EDNA NORTHRUP	Nutley, N. J.
EASTBURN, MURIEL	New Brunswick, N. J.
EASTERLING, ALICE	Washington, D. C.
ELLIOTT, ELIZABETH	Odessa, Mo.
EMERSON, ARTHUR WEBSTER	Honolulu, T. H.
ENDRES, JOSEPH JOHN	Oswego, N. Y.
ENDRESS, MARGUERITE C.	Sault Ste. Marie, Mich.
ERIKSON, ELSA JOSEPHINE	New York City
EVANS, MARGARET BINFORD	Washington, D. C.
EVANS, MARY ELSIE	Wilkes Barre, Pa.
FARQUHARSON, JESSIE Y.	Agincourt, Ontario, Canada
FERRY, ISABELLE GUNN	Pittsfield, Mass.
FILLMORE, HELEN MAR	New York City
FINKLE, MABEL P.	Bolton Landing, N. Y.
FISH, HAZEL	Rahway, N. J.
FISHKIN, JOSEPH	New York City
FLORA, VIVIAN B.	Erie, Kan.
FORBES, ELIZABETH SWINTON	New York City
FORTE, CLARA	Fenton, Mich.
FRAME, ELSA LOUISE	Toledo, O.
FRANK, MARTHA	New York City
FRANKLIN, VETA	Lawton, Okla.
FRIEDLANDER, FLORÉ P.	New York City
FULLGRAFF, MAY ALDEN	New York City
GALPIN, CHARLOTTE	Indianapolis, Ind.
GARVEY, FLORENCE	Binghamton, N. Y.
GEBRAETZ, MADELINE	Newark, N. J.
GERBER, FRANCES ELIZABETH	Butler, Pa.
GEROW, EDITH	Jersey City, N. J.
GIBBONS, M. ELEANOR	Albany, N. Y.
GIBSON, MARGARET	Mt. Vernon, N. Y.

GODDARD, FRANCES ADELE	Cortland, N. Y.
GOENAGA, CARMEN	San Juan, Porto Rico
GOLD, MOLLIE	Brooklyn, N. Y.
GOLDSMITH, CLARENCE STODDART	Newburgh, N. Y.
GOODHEW, LILY ELIZA	Ann Harbor, Mich.
GOODSPEED, HELEN C.	Penn Yan, N. Y.
GORDY, MARY L.	Columbus, Ga.
GOTSHALL, HILDA M.	Scranton, Pa.
GREENWALD, ARTHUR	Richmond Hill, N. Y.
GROSS, ABRAHAM NATHANIEL	Brooklyn, N. Y.
GROSS, ANNA B.	Monocacy, Pa.
HALBOWER, ALMA GRACE	Anthony, Kan.
HALL, MARY	Petersburg, Va.
HAMILTON, MARIAN	South Norwalk, Conn.
HANSON, LAURA V. D.	Havana, Ill.
HARDING, ROBERTA ELIZABETH	Brooklyn, N. Y.
HARMER, BERTHA	Toronto, Canada
HART, LOVINA BELLE	Cleveland, O.
HASSINGER, ELSA	New York City
HAWKINS, EDITH MAUDE	Cleveland, O.
HENRY, ELIZABETH	Fremont, O.
HERR, L. A.	Fortville, Ind.
HERSHEY, EDYTHE	Brooklyn, N. Y.
HESSLER, ELSIE ESTELLE	Tenafly, N. J.
HEUMANN, ELMA IRENE	New York City
HEWETT, EVELYN WOLFE	Brooklyn, N. Y.
HILL, ETHEL MAE	Muskogee, Okla.
HILLHOUSE, ELEANOR	Willimantic, Conn.
HOFFMAN, MAUDE C.	Akron, Ind.
HOOD, EDITH R.	Newark, N. J.
HOPKINS, THOMAS	Elizabeth, N. J.
HOSFORD, JEAN	Danville, Ill.
HUBBELL, HELEN JACKSON	New York City
HUGGINS, MYRTIE MARIE	Cincinnati, O.
HUGHES, REGINA M.	Paterson, N. J.
HUIE, ALICE	New York City
HYDE, JANE EARL	Joliet, Ill.
HYDE, SARAH EMMA	Middletown, Conn.
INGLIS, EVELYN SLOAN	New Rochelle, N. Y.
JACOBS, ALBERT M.	Wyoming, Pa.
JAMES, GORDON E.	Gloversville, N. Y.
JAMES, LAURETTA P.	West Chester, Pa.
JOHNSON, AMERLIA	New York City
JOHNSON, EDITH W.	Morristown, N. J.
JOHNSTON, ELEANOR KING	New York City
JONES, ANNA S.	Alton Bay, N. H.
JONES, ELIZABETH	Lime Springs, Ia.
JONES, JANET C.	Scranton, Pa.
KANE, FRANCES LILYAN	Brooklyn, N. Y.
KELLY, ANNA MARGARET	Springfield, O.
KENNEDY, MAY	Kankakee, Ill.
KIMBALL, LUCY	Lexington, Va.
KINTNER, ALICE	Stroudsburg, Pa.
KIRWAN, HELEN M.	New York City
KLEIN, FRANCES	Shenandoah, Pa.
KUDLICH, LUISE HEINRICH	Drifton, Pa.
LAMB, ANNA	Moorhead, Minn.
LAND, MARIE LOUISE	Virginia Beach, Va.
LANGDON, AGNES COURTNEY	Brookline, Mass.

LANTZ, HELEN	Marinette, Wis.
LaSALLE, DOROTHY MARGUERITE	New York City
LATHROP, BESSIE S.	New York City
LAWTON, LOUISA H. D.	Hackensack, N. J.
LIBERT, MADELINE LOUISE	Lewiston, Idaho
LINDHOLM, EDLA MARIE	Passaic, N. J.
LIVINGSTON, CHRISTINE HILLER	Altamont, N. Y.
LOVE, ANNA	Fremont, O.
LUGER, CLAIRE V.	Fargo, N. Dak.
McALLISTER, MARION H.	Watertown, N. Y.
McCULLY, ELEANOR	Paterson, N. J.
MacINTYRE, JULIE CONNELLY	Atlanta, Ga.
MANTELL, LOUISE RUSSELL	New York City
MARSH, ANNABELLE	New York City
MATTESON, GENEVIE E.	Clinton, N. Y.
MATHEWS, SUSIE J.	Griffin, Ga.
MAVER, JESSIE LOUISE	Jersey City, N. J.
MEEKER, CHARLES HENRY	New York City
MEGAHAN, ANNA MARGARET	Brooklyn, N. Y.
MEINHOLD, AMY	New York City
MILLER, BLANCHE M.	Detroit, Mich.
MILLER, ELIZABETH CASSARD	Halethorp, Md.
MILLER, MARGARET SAWYER	Brooklyn, N. Y.
MILLER, VIRGINIA E.	Los Angeles, Cal.
MILLS, MARIAN EMILY	Port Byron, N. Y.
MINNIS, MAGGIE MILLIKEN	Denton, Tex.
MORGAN, FRANCES SYBIL	Norwich, Conn.
MORRISSEY, KATHERINE LORETTA	Bridgeport, Conn.
MORRISSEY, N. CATHERINE	Yonkers, N. Y.
MURPHY, PORTER	New York City
MURRAY, CORNELIUS BYRON	Winthrop, N. Y.
NICKERSON, ELIZABETH C.	Newtonville, Mass.
NORTHROP, BELLE	Pasadena, Cal.
NUGENT, MARIE LOURDES (MRS. HARNEY KNUTH)	Rochester, N. Y.
OLDFIELD, ISABEL ELLEN	Saylesville, R. I.
OLIN, JOHN WILLIAM ELLERY	Rutherford, N. J.
OLLER, SARA LINHART	New York City
O'NEIL, CHARLOTTE	Binghamton, N. Y.
OVERTON, SALLIE	Harrogate, Tenn.
PARK, CHESTER BRADFORD	Roselle Park, N. J.
PARKE, LAVINNA	Salt Lake City, Utah
PARKS, HAZEL L.	Milwaukee, Wis.
PARSONS, EVA AMBER	Bates City, Mo.
PARSONS, LOUISE	Paterson, N. J.
PATTON, MARTHA HUNTINGDON	New York City
PAULSON, ESTHER	Yonkers, N. Y.
PEEK, LILLIAN	Lubbock, Tex.
PEENE, GERTRUDE MAY	Yonkers, N. Y.
PETTIT, MAUDE	Troy, N. Y.
PFIFFERKORN, BLANCHE	Baltimore, Md.
PHILLIPS, MARTHA JANE	Columbia Cross Roads, Pa.
PIERCE, LAURA WILMA	Croton-on-Hudson, N. Y.
PIMM, CARRIE M.	Philomath, Ore.
PORGES, REGINE	New York City
PORTERFIELD, FANNIE ELIZABETH	Springfield, Mo.
POTER, SARAH	Henry, Ill.
PRAY, FANNY ELIZABETH	Toledo, O.
PRICE, RUTH KIRK	Moynlan, Pa.
QUILLARD, FRANCES JACOT	Duluth, Minn.

RAFFERTY, MARION BRITTON.....	Willimantic, Conn.
RANDALL, LEAFFA LAURA.....	Conway, Ark.
RAVENAL, ELIZABETH DE ST. JULIEN.....	Savannah, Ga.
REYNOLDS, IRENE E.....	Phillipsburg, N. J.
RICHARDSON, ENID LYLE.....	Boonville, Ind.
ROGENMOSER, HELENA.....	Wellsville, N. Y.
ROME, SIGMUND J.....	Brooklyn, N. Y.
ROSENBERRY, John (Mrs.).....	Palmyra, N. J.
ROSENFELD, ROSE.....	New York City
ROWE, SARA LOUISE.....	Hampton, Va.
SARGENT, MIRA.....	Worcester, Mass.
SARRÉ, ALPHONSE J.....	New Orleans, La.
SAVERY, EMERSON B.....	Cotuit, Mass.
SCHELLENBERG, RHODA.....	Brooklyn, N. Y.
SCHMIDT, ELSA.....	New York City
SEARLE, ELIZABETH.....	Dowagiac, Mich.
SEIFERD, ELEANOR.....	New York City
SHELDON, WILHELMINA RADCLIFF.....	Millville, N. J.
SMITH, ANABEL.....	Arlington, N. J.
SMITH, MARGARET LACEY (Mrs).....	Ft. Collins, Colo.
SNIVELY, ISABELLA.....	Greencastle, Pa.
SPARKMAN, EDNA ISABEL.....	Paterson, N. J.
STALL, HELEN LOUISE.....	New York City
STAUDENMAYER, ADELINE.....	Portage, Wis.
STEPHENS, LENORE.....	Macomb, Ill.
STONE, M. JESSIE.....	Claremore, Okla.
TARSHIS, GRACE JESSIE.....	Brooklyn, N. Y.
TAYLOR, ANTOINETTE.....	New York City
TAYLOR, FRANCES E.....	New Rochelle, N. Y.
THOMAS, CHARLES H.....	Hazleton, Pa.
THOMAS, EDNA.....	Eliot, Me.
TOWNER, ETHEL M.....	New York City
TOWNLEY, GRACE.....	Terre Haute, Ind.
TRABUE, ELSIE.....	South Milwaukee, Wis.
TULLER, ELIZABETH.....	Atlanta, Ga.
TYNDALL, EVELYN.....	Bridge Hampton, N. Y.
UNDERWOOD, ESTHER.....	Summit, N. J.
VAN SICKLE, FRIEDA.....	Olyphant, Pa.
VIERLING, MARGARET.....	Princeton, Ind.
WALKER, HELEN G.....	Williamsville, N. Y.
WALLER, KATHARINE A.....	Freehold, N. J.
WALTHER, THEDA H.....	New York City
WALTON, ALICE CLORINDA.....	Brockville, Canada
WARD, GLADYS JOSEPHINE.....	Toronto, Ontario, Canada
WARD, E. FRANCES.....	East Orange, N. J.
WARNER, LEROY MILES.....	Ludlow, Mass.
WEBSTER, ANNA.....	Waban, Mass.
WELLING, JANE BETSY.....	Valley Falls, N. Y.
WELLMAN, KATHRYN IVEL.....	Caledonia, N. Y.
WHALEY, LILLIAN.....	Browning, Mo.
WILKES, BERTHA CORINNE.....	New York City
WILLIAMS, LILIAN.....	Rahway, N. J.
WILLIAMS, LOUISE M.....	Scranton, Pa.
WILSON, MILDRED NEWCOMB.....	Pelham, N. Y.
WILSON, ZONA.....	Mattoon, Ill.
WINSLOW, VIOLET P. (Mrs.).....	Natchitoches, La.
WOODBURY, DORIS OSTROM.....	New York City
WOODBURY, RUTH V.....	Albany, N. Y.
YULES, JACOB.....	Brooklyn, N. Y.

YUNGERMAN, HENRY.....	New York City
ZEMAN, DOROTHY.....	Brooklyn, N. Y.
ZIESE, ELSIE C.....	Bellingham, Wash.

## SCHOOL OF PRACTICAL ARTS

## SENIORS

ACKERMAN, MILDRED.....	New York City
ADAMS, BERNICE.....	New Haven, Conn.
ADAMS, MARIAN KYLE.....	Webster Groves, Mo.
ALDRIDGE, AGNES.....	Little Falls, N. Y.
AMBERSON, JEAN DOWNEY.....	Waynesboro, Pa.
AMES, CAROLINE L.....	Oakland, Cal.
ANDREWS, LAURA EDITH.....	Seymour, Ind.
ASKAM, LUCY ELIZA.....	Great Neck, N. Y.
BACON, HENRY GRAHAM.....	Mauricetown, N. J.
BAKER, HELEN MARIE.....	Detroit, Mich.
BARBER, MARION JEANETTE.....	Brooklyn, N. Y.
BARRY, MARY.....	Flushing, L. I.
BATES, SUSAN LEECH.....	Denton, Tex.
BEATY, MARY LOUISE.....	Narberth, Pa.
BEAUMONT, WILLIAM.....	Deer Lodge, Mont.
BECKER, MARGARET CHRISTINA.....	Leonia, N. J.
BECKETT, GLADYS.....	New York City
BENNETT, M. ESTELLE.....	Erie, Pa.
BILL, PAULINE COMFORT.....	Willimantic, Conn.
BLACKISTON, HELEN.....	Farmville, Va.
BOOTH, ALMA DOWNING.....	New York City
BOYD, BEATRICE PHYFE.....	Peekskill, N. Y.
BRADY, LORETTA ANN.....	New York City
BRAITHWAITE, KATHERINE.....	Minneapolis, Minn.
BRISTOL, ETHEL MOSELEY.....	Brooklyn, N. Y.
BROWN, ELSIE TEMPLE.....	Yonkers, N. Y.
BROWNE, MARTHA SIBYL.....	Rock Hill, S. C.
BUCKLEY, ANNE.....	Scranton, Pa.
BUERMAYER, META DOROTHEA.....	Brooklyn, N. Y.
BULLARD, ESTHER.....	Rumford, R. I.
BURDETT, MILDRED.....	East Orange, N. J.
BURKE, EMMA JANE.....	Bismarck, N. Dak.
BURNS, JOHN HALPIN.....	Oswego, N. Y.
BURNS, ROBERT LEO.....	Oswego, N. Y.
BYRNES, MARGARET.....	Flushing, N. Y.
CAMPIGLIA, SYLVIA.....	San Jose, Cal.
CARLING, FLORENCE EVELYN.....	Exeter, Ontario, Canada
CARR, KATHRYN L.....	Wilkes Barre, Pa.
CASTEN, MARIE LOUISE.....	Versailles, Il.
CHAMBERLAYNE, BESSIE GIBSON.....	Richmond, Va.
CHASE, MAY BARTO (MRS.).....	New York City
CHEIFETZ, SADIE.....	New York City
CLARK, JESSIE ALICE.....	Springfield, Mo.
CLINTON, LUCILE WARNER.....	Passaic, N. J.
COHN, MIRIAM.....	New York City
COLLINS, MARY MARGARET.....	Wilkes Barre, Pa.
COLLINS, WILL FRANKLIN.....	Fort Worth, Tex.
COOPER, LENNA FRANCES.....	Battle Creek, Mich.
COOPER, LUCY FRANCES.....	Brooklyn, N. Y.
CORBETT, HANNAH BUTTERFIELD.....	Topeka, Kan.
CORCORAN, MARTIN.....	Arlington, N. J.
CORNISH, MARY E.....	Vernon Center, Minn.



CRONAN, GEORGE DANIEL.....	Oswego, N. Y.
CURRY, LOUISE ROBINS.....	Englewood, N. J.
CURTIS, CLARA LOUISE K.....	South Bethlehem, Pa.
CURTIS, JOHN MORRISON.....	New York City
DALTON, MARGARET.....	Los Angeles, Cal.
DAMPMAN, EDNA LORETTA.....	Point Pleasant, N. J.
DAVIES, GWENLLIAN.....	Hazleton, Pa.
DAY, RUETTA TOWNSLEY.....	Brighton, Ia.
DEUTSCH, GLADYS.....	New York City
DILLS, MARGARET.....	Pomona, Cal.
DIX, ANNIE STILLMAN.....	Brooklyn, N. Y.
DOUGHERTY, ELINOR DORE.....	Los Angeles, Cal.
DUDLEY, MAURINE CAYLOR.....	Ruston, La.
DUNN, ANNA MARIE.....	Passaic, N. J.
DWYER, MAURICE KEVIN.....	Jersey City, N. Y.
ENTELMANN, MILLIE JESINE.....	New York City
EPSTEAN, ETHEL.....	New York City
ERWIN, MARGUERITE.....	Garden City, N. Y.
EVERSON, ADELAIDE.....	Pittsburgh, Pa.
EWING, ANNA ALLWORTH.....	Newton Center, Mass.
FISHER, KATHARINE A.....	Quebec, Canada
FRANK, GEORGE.....	Newark, N. J.
FRANKFURTER, EMANUELLA.....	New York City
FRANKLIN, KATE MANN.....	Flushing, N. Y.
FREAS, KATHRYNE ELIZABETH.....	Bethlehem, Pa.
GALBRAITH, LILLIAN.....	Troy, N. Y.
GARRISON, PEARL.....	Pittsburg, Kan.
GIBSON, ANNIE KATHARINE.....	Utica, N. Y.
GILL, BESS.....	Amistad, New Mex.
GITTINGER, BLANCHE.....	Frederick, Md.
GODFREY, VIOLA MORRIS (Mrs.).....	Portland, Ore.
GOMPF, AUGUST PETER.....	Howardville, Md.
GREENE, MARGARET.....	Honesdale, Pa.
GREENWALD, ROSE RUTH.....	Brooklyn, N. Y.
GRIMES, FRANCES WELLINGTON.....	New York City
GRIMES, ROSE CAMILLA.....	Jersey City, N. J.
GUILFORD, ELIZABETH.....	Lancaster, Pa.
HAMILTON, JOAN.....	Atwood, Canada
HANCOCK, M. INA.....	Geneva, N. Y.
HARRISON, PRICHETT ELLIS.....	San Marcos, Tex.
HAYES, ANNA GIBB.....	Parsons, Kan.
HECKELMAN, ISAAC.....	Brooklyn, N. Y.
HENDERSON, ETHELYN.....	Paterson, N. J.
HERRE, ELLA F.....	Brooklyn, N. Y.
HERRICK, LENA B.....	Albion, Mich.
HILTON, VIRGINIA.....	Bayonne, N. J.
HOFFMAN, LILLIAN CLARE.....	Parkerford, Pa.
HOLDEN, BERTHA ANNETTE.....	Pittsford, Vt.
HOWELL, GENEVIEVE D'AUVERGNE YVONNE.....	Brooklyn, N. Y.
HOWES, RUTH C.....	Florence, Mass.
HUBBARD, MARION.....	New York City
HUMMER, HARRIET MYRTLE.....	Trenton, N. J.
HUNTINGTON, JOSEPHINE.....	Yonkers, N. Y.
HUNTINGTON, KATHARINE ELFLEDA.....	Mt. Vernon, N. Y.
HURLEY, BEULAH ACHSAH.....	New Hope, Pa.
HUTTON, ANNA DAPHNE.....	East Orange, N. J.
INK, KATHARINE S.....	New York City
JAGGER, OLIVE BURNETT.....	Southampton, N. Y.
JAMES, VIRGINIA.....	Pelham, N. Y.
JARDINE, BEATRICE W.....	Kenvil, N. J.

JEFFERY, EMMA.....	New York City
JENSEN, S. MARIE.....	Salt Lake City, Utah
JETER, BESSIE H.....	Macon, Ga.
JOHNSON, MILDRED ELIZABETH.....	Seranton, Pa.
JOHNSTON, JESSIE EMILY.....	Middleville, Mich.
JOHNSTON, THOMAS WILLIAM.....	Normal, Ill.
JONES, MARY ELLEN.....	Brooklyn, N. Y.
KINLEY, CLARIBEL.....	Olean, N. Y.
KISCH, ELSA HELENE.....	Palisade, N. J.
KNAPP, HARRIET E.....	Brooklyn, N. Y.
KNIGHT, LOUISE D.....	Talferrias, Tex.
KOPP, LILLIAN DOROTHY.....	Newark, N. J.
LANDEE, MARIAN CHARLOTTE.....	Moline, Ill.
LANDRINE, MARGARET.....	Maywood, N. J.
LEMON, EDITH BELLA.....	Olympia, Wash.
LENIHAN, MARY M.....	Laurel Hill, N. Y.
LEONARD, ELEANOR.....	Harrisburg, Pa.
LIVERMORE, MARCIA.....	New Rochelle, N. Y.
LORD, MARION W.....	Newton, Mass.
LUNGER, CLEO VIVIAN.....	Marion, O.
MCCARTHY, AGNES E.....	Buffalo, N. Y.
MCGAVOCK, EMILY.....	Max Meadows, Va.
MCGRAW, MIRIAM.....	Richmond, Va.
MACGUIDWIN, ANN.....	Lima, N. Y.
MCKELVEY, JESSIE.....	Jersey City, N. J.
MAGID, FRANCES.....	Brooklyn, N. Y.
MARSH, FLORENCE ANNIE.....	Kalamazoo, Mich.
MASON, ALICE HUNTINGTON.....	Plattsburgh, N. Y.
MATHEWS, ACHSAH.....	Lake City, Minn.
MEITZLER, ADA VALERIA.....	Allentown, Pa.
MEMORY, MILDRED FEAR.....	Maplewood, N. J.
MILLER, GENEVIEVE KREY.....	Brooklyn, N. Y.
MILLER, MARY CLARA.....	Queens, N. Y.
MILLER, RUTH.....	Manchester, N. H.
MOFFAT, ETHEL.....	Orange, N. J.
MOLLER, LOUISE.....	Brooklyn, N. Y.
MORRO, SAMUEL E.....	Brooklyn, N. Y.
MUENDEL, REBECCA.....	New York City
MURPHY, AGATHA CATHERINE.....	Norwich, Conn.
NOLAN, JAMES PATRICK.....	Auburn, N. Y.
NOYES, EVA J.....	Haverhill, Mass.
O'LEARY, MARGARET.....	Glens Falls, N. Y.
O'NEALE, LILA MORRIS.....	San Jose, Cal.
OSBORN, DOROTHY.....	Montclair, N. J.
OSTERHOLM, CLAUS ADOLPH.....	Brooklyn, N. Y.
OSTERMANN, FRANK J.....	St. George, Ga.
PEENE, EMMA LEFEVRE.....	Yonkers, N. Y.
PEET, GRACE BEATRICE.....	Cortland, N. Y.
PEET, RUTH LUCRETIA.....	New York City
PERLEY, MARIE HUNTRESS.....	Lincoln, Neb.
PETTEE, FLORENCE MARIE.....	Brockton, Mass.
PHILLIPS, LILLIAN AZUBA.....	Fitchburg, Mass.
PITTMAN, MARTHA S.....	New York City
POLLITZER, ANITA LILLIE.....	Charleston, S. C.
POTTER, EDNA PAULA.....	Denver, Colo.
POWELL, MARION WEBSTER.....	Brooklyn, N. Y.
PRYOR, BLANCHE.....	Arizona, La.
PURCELL, REUBEN R.....	Brooklyn, N. Y.
PUREFOY, LUCY.....	Asheville, N. C.

RECIO, FLEURETTE ALEXANDRE.....	New York City
REED, REBA WINGATE.....	Philadelphia, Pa.
REIGART, KATHARINE M.....	Yonkers, N. Y.
REILLY, MARIE MARGARET.....	Scranton, Pa.
RESS, CECILIA H.....	Brooklyn, N. Y.
REUMANN, MARTHA BOURNE (MRS.).....	Rutland, Vt.
RICHARDSON, ISABELLE C.....	Littleton, N. H.
RICHARDSON, MARY.....	New York City
ROBERTSON, LOUISE JESSIE.....	Chicago, Ill.
ROWELL, CHRISTINE M.....	Manchester, N. H.
ROWELL, OLIVE BATEMAN.....	Roselle, N. J.
RUST, ELSIE GENEVA.....	Anaheim, Cal.
SALIVA, ERNESTINA.....	Mayaguez, Porto Rico
SCHAEFER, EVELYN E.....	Buffalo, N. Y.
SCHIFFENHAUS, IDA.....	Newark, N. J.
SCHLESINGER, BEATRICE.....	New York City
SCHMITT, HELEN MAE.....	Nyack, N. Y.
SCHWARTZ, MARION.....	Plymouth, Pa.
SEARS, MILLICENT LURA.....	Syracuse, N. Y.
SHEARER, VIRGINIA FITZHUGH.....	Lewiston, Idaho
SHEETS, GRACE.....	Columbus, O.
SHERINIAN, WILLIAM.....	Worcester, Mass.
SIEGEL, FRED.....	Tottenville, N. Y.
SIMONSON, ALICE.....	Hollis, L. I., N. Y.
SKINNER, FRANCES BECKWITH.....	Washington, D. C.
SMART, WINIFRED.....	New York City
SMILEY, PAUL H.....	Garnett, Kan.
SMITH, ALICE.....	Honolulu, T. H.
SMITH, FRANK CARLIER.....	Brooklyn, N. H.
SMITH, HELEN ELIZA.....	Fargo, N. Dak.
SMITH, HELEN F. CRANFORD.....	Montclair, N. J.
SMITH, JANE F.....	New York City
SMITH, JENNIE FRANCES.....	Colebrook, N. Y.
SMITH, MARGUERITE LEVIA.....	New York City
SMITH, MARY ALMA.....	Denver, Colo.
SNYDER, ELMER W.....	Rochester, N. Y.
SOLENDER, SAMUEL.....	Pleasantville, N. Y.
SONDHEIM, STELLA M.....	New York City
SOUDER, M. ATTIE.....	Rockwell City, Ia.
SOVEY, RAYMOND.....	Mt. Vernon, N. Y.
SQUIRES, MARTHA CHRISTIANA.....	Binghamton, N. Y.
STEWART, JESSIE HERRIES.....	New York City
STEWART, JUDSON L.....	Jersey City, N. J.
STEWART, MYRA GIFFIN.....	New York City
STIEBEL, MILDRED JOAN F.....	New York City
STOBAUGH, CLARA JOSEPHINE.....	Leonia, N. J.
STOCKTON, EDNA MARGARET.....	Englewood, N. J.
STORMS, DOROTHY ELIZABETH.....	Dobbs Ferry, N. Y.
SWEET, MARGARET.....	Yonkers, N. Y.
TAYLOR, LILLIAN BEATRICE.....	Montreal, Canada
TEED, IDA.....	New York City
TERHUNE, IRMA GERTRUDE.....	Jersey City, N. J.
TERRILL, ESTELLE WEST.....	Rahway, N. J.
THOMAS, MARTHA.....	Brownsville, Tenn.
TIBBETTS, HELEN.....	Brooklyn, N. Y.
TINGLEY, GEORGIA.....	Rahway, N. J.
TOWNSEND, CLARA PEARL.....	Greenwich, N. Y.
TUTTLE, HELEN L.....	Newark, N. J.
UNDERWOOD, HELEN ALICE.....	Lancaster, N. H.

VAN HORNE, ELIZABETH GERTRUDE.....	Hollywood, Cal.
VANUXEM, LOUISA.....	Newark, N. J.
WADSWORTH, LEILA JOHN.....	Brooklyn, N. Y.
WALLACE, MARY ELEANOR.....	Montclair, N. J.
WARREN, GERTRUDE LILLIAN.....	Lockport, N. Y.
WEBER, EDITH.....	Glenarm, Ill.
WELLS, BETTINA.....	New York City
WENTE, ELISABETH KATHERINE.....	Cincinnati, O.
WHEELER, AMELIA URSULA.....	Excelsior, Minn.
WHEELER, CARRIE LOUISE.....	Potsdam, N. Y.
WHITTINGTON, MARY C.....	Marion Station, Md.
WHYTE, MARION.....	Tarrytown, N. Y.
WILLIAMS, IRMA NICHOLSON.....	Jacksonville, Fla.
WILLIAMSON, MABEL HEATON.....	Poughkeepsie, N. Y.
WINCHELL, JESSIE A.....	Mt. Vernon, N. Y.
WORTMAN, CAROLINE JOHANNA.....	Brooklyn, N. Y.

## SCHOOL OF PRACTICAL ARTS

## UNCLASSIFIED

ADAMS, HARRIETT.....	Newark, O.
ADAMS, ROSAMOND.....	North Yakima, Wash.
AIKEN, ALIMAE.....	Quanah, Tex.
ALCORN, MARY EDITH.....	Port Chester, N. Y.
APPLEBY, ESTHER.....	Syracuse, N. Y.
ARTHUR, NATHALIE.....	Detroit, Mich.
ASTE, WINIFRED.....	Sheepshead Bay, N. Y.
BACKUS, ALLEN D.....	New York City
BARBEE, EVA.....	Erie, Pa.
BARNARD, EVA CAROLYN.....	Albany, N. Y.
BARRY, JANE W.....	Toronto, Canada
BAYARD, SYLVIA LEE.....	Woodbine, N. J.
BEACHY, MARGARET.....	Evansville, Ind.
BEBEE, SOPHIA.....	Manchester Centre, Vt.
BELL, ALICE FRANCES.....	Toronto, Canada
BLENKHORN, HULDA.....	New York City
BLOCH, LOUIS.....	New York City
BOAZ, EDITH.....	New York City
BOAZ, RUTH.....	Ft. Worth, Tex.
BOWEN, ALICE.....	Ogden, Utah
BOYCE, MAY.....	East Orange, N. J.
BRENK, CAROLINE ELEANORE.....	Conneaut, O.
BRODIE, HELEN.....	Brooklyn, N. Y.
BROTER, LAZARUS J.....	New York City
BROWN, CAROLINE SCHWEFEL.....	New York City
BROWN, FAIRY P.....	New York City
BROWN, FRANCES.....	New York City
BROWN, MAE.....	New Era, Ore.
BROWN, PLUMA M. (MRS.).....	New York City
BRUSH, WINIFRED A.....	Manchester Depot, Vt.
BUCHANAN, FLORENCE DARLING.....	New York City
BUCKLEY, GRACE.....	New York City
BURBANK, MILDRED.....	Chester, Vt.
BURKHOLDER, LUTIE.....	Fort Scott, Kan.
CAMPBELL, ROBERT ARTHUR.....	Mechanicsville, N. Y.
CAVANAUGH, L. JENNETTE.....	Newark, N. J.
CHASE, CORDIE MARIA.....	St. Albans, Vt.
CHIPLEY, WILLIAM GALT, JR.....	Atlanta, Ga.
CHRISTIANSON, ERICA.....	Menomonie, Wis.

CLARK, MARIE . . . . .	Springville, Utah
COHN, A. E. (Mrs.) . . . . .	New York City
COLE, JOHN W. . . . .	Long Island City, N. Y.
CRAWFORD, CATHERINE . . . . .	Pittsburgh, Pa.
CROWLEY, DANIEL JOSEPH . . . . .	Florence, N. Y.
CRUMLEY, SARAH ANTOINETTE . . . . .	Alva, Okla.
CUBBERLEY, HEBER M. . . . .	Plainfield, N. J.
CUMMINS, CANDACE ETHELYN . . . . .	Dayton, O.
DALLAS, MARION . . . . .	New Haven, Conn.
DANN, CHARLOTTE M. . . . .	Rochester, N. Y.
DEICHES, HERMENA . . . . .	New York City
DEXTER, RUEY . . . . .	Alameda, Cal.
DILLISTIN, ALICE V. . . . .	Paterson, N. J.
DOHERTY, GEORGE . . . . .	Harrison, N. J.
DONNELLY, KATHRYN . . . . .	Brooklyn, N. Y.
EASTMAN, CHARLOTTE E. . . . .	Boston, Mass.
EBNER, EMILY . . . . .	Atchison, Kan.
EDENS, ANNETTE . . . . .	Bellingham, Wash.
EDWARDS, ALICE LEORA . . . . .	Corvallis, Ore.
ELDRIDGE, ADDA . . . . .	Chicago, Ill.
ELLIOTT, RUTH M. . . . .	Hastings, N. Y.
ERION, LUELLA MATHILDA . . . . .	La Grange, Ill.
ESPINOSA, ELOISA . . . . .	Mexico City, Mex.
FALKLAND-FALKER, EDA M. . . . .	Bayonne, N. J.
FARGASON, LUCY B. (Mrs.) . . . . .	New York City
FENNESSY, MARY V. . . . .	New York City
FITZBURGH, ALEXANDER . . . . .	Jersey City, N. J.
FELDE, VERONIKA MARGARETHE . . . . .	New York City
FLEMING, NINA A. . . . .	New York City
FLIKKE, JULIA . . . . .	Chicago, Ill.
FORD, EDNA EARL . . . . .	New Castle, Ind.
FORD, SARAH J. . . . .	New York City
FOSTER, KATHARINE . . . . .	Utica, N. Y.
FRANCK, ELSIE A. . . . .	Milwaukee, Wis.
FREELAND, ELEANOR . . . . .	Marion, O.
FREEMAN, ESTHER B. . . . .	New York City
FRIEDMAN, SAUL . . . . .	New York City
FROST, HARRIET . . . . .	Marshall, Va.
GANSSE, LOUISE . . . . .	Queens, N. Y.
GILMAN, ALICE . . . . .	Dexter, Me.
GOSLING, ARMINE . . . . .	St. John's, Newfoundland
GOSLING, FRANCES . . . . .	St. John's, Newfoundland
GOLDFARB, ISRAEL . . . . .	Brooklyn, N. Y.
GOUCHER, ELIZABETH ELLSWORTH . . . . .	New Hartford, Conn.
GRADY, EDWARD . . . . .	Oswego, N. Y.
GRAFF, ESMA B. . . . .	Navesink, N. J.
GRAHAM, MABEL . . . . .	Jersey City, N. J.
GRAVES, MARY C. (Mrs.) . . . . .	New York City
GRAY, CAROLYN ELIZABETH . . . . .	New York City
GREENHALGH, LUCY R. . . . .	Yonkers, N. Y.
GREIG, MARY . . . . .	New York City
GUINTEH, LEOPOLDINE . . . . .	New York City
HAMILTON, BLANCHE GRANTMYRE (Mrs. H. H.) . . . . .	New York City
HANFORD, LILLIAN ADELL . . . . .	Waverly, N. Y.
HARNISS, LEAH S. . . . .	Bellows Falls, Vt.
HARRINGTON, MARJORIE SAUNDERS . . . . .	Norwalk, Conn.
HARRIS, IRMA H. . . . .	Denver, Colo.
HARRIS, RUTH GREEN . . . . .	New York City
HARTLEY, HELEN S. . . . .	New Albin, Ia.

HARTNETT, MARGARET H.	Troy, N. Y.
HARTY, GENEVIENE	Savannah, Ga.
HASSELMAN, ANNA	Washington, D. C.
HAWKINSON, NELLIE XENIA	Webster, Mass.
HENDERSON, C. PEARL	Brooklyn, N. Y.
HENK, ROBERT LEEDOM	Doylestown, Pa.
HERCKNER, CHARLOTTE	Hackensack, N. J.
HILLIER, ADA A.	South Bend, Ind.
HOFFMAN, REBEKAH BARNETT	Newark, N. J.
HODGES, MARJORIE	St. Louis, Mo.
HOFF, ERNA	Terre Haute, Ind.
HUDSON, ANNA M.	New York City
HOWE, FANNY R.	Brookline, Mass.
HUBBARD, FERNA MADALENA	Rochester, N. Y.
HUNTLEY, MABEL FOSTER	Calais, Me.
HUTCHINSON, GRACE	Canton, N. Y.
INNIS, EMMA	New Brunswick, Canada
JACKSON, MARTHA D.	New York City
JAMES, RUTH MARY	Granville, O.
JESSUP, KATHERINE ANDERSON	New York City
JOERNS, MARION (MRS.)	Orange, N. J.
JOHNSON, CHARLOTTE	Passaic, N. J.
JONES, PRISCILLA	Newburyport, Mass.
JUDGE, ELIZABETH	New York City
KACENA, BLANCHE HELEN	Walker, Ia.
KANDEL, PHOEBE MILLER	Canton, O.
KASTER, LOUISE	Topeka, Kan.
KENT, DRUZILLA	Beaumont, Tex.
KER, EDITH GRACE	New York City
KIRK, ELSIE	Kirksville, Mo.
KNIGHT, GRACE	New York City
KNOWLTON, ALICE B.	New York City
LA FORCE, LAURA	Dansville, N. Y.
LANDWEHR, DOROTHY	Babylon, L. I.
LATSON, ALICE L.	Howell, Mich.
LEONARD, ALICE M.	Worcester, Mass.
LEETH, ALMA	Cullman, Ala.
LIGHT, ANNA F.	Bridgeport, Conn.
LISSAUER, FANNY	New York City
LOCKWOOD, BLANCHE E.	Middletown, Del.
LOEBLE, THERESA MARY	New York City
LONGLEY, GERTRUDE	Oak Park, Ill.
LOW, CLARA LOUISE	New York City
LUCEY, DANIEL C.	New York City
LUCEY, JULIA	Little Falls, N. Y.
LYNCH, HILDA AUSTIN	Danbury, Conn.
MCCLELLAN, BION B.	Passaic, N. J.
MCCLOURE, MARGARET	Pittsburgh, Pa.
MCCOWAN, GRACE HELEN	New York City
McKINNON, MARY JEAN	Toledo, O.
McLEAN, CHARLOTTE B.	Sugargrove, Pa.
McLEAN, NINA	New York City
MILLAR, ELEANOR GRAHAM	New York City
MILLEN, IDA	San Antonio, Tex.
MILLER, ELIZABETH	Lancaster, Pa.
MINASIAN, ORRIE IDA	Brooklyn, N. Y.
MINTHORN, MARY	Newport, Ore.
MITCHELL, MARGARET A.	New York City
MOEN, JOHANNE	Salt Lake City, Utah

MOORE, CHARLES DUDLEY.....	Glen Ridge, N. J.
MOORE, MABEL (MRS.).....	Warren, Ariz.
MOSKOWITZ, BELLA SELMA.....	New York City
NUZUM, CALLIE.....	Bridgeport, W. Va.
OLIVER, EVELYN.....	New York City
OLSEN, GERTRUDE M.....	Herscher, Ill.
PARK, VERNOLL.....	La Park, Pa.
PARKS, F. GERTRUDE.....	Timonium, Md.
PATON, F. EVELYN.....	Princeton, N. J.
PETERS, ALONZO GAINES.....	Elizabeth, N. J.
PHILLIPS, JULIA S.....	Amityville, L. I.
PINCUS, MAX.....	Brooklyn, N. Y.
POPE, HELENE M.....	Clinton, Mass.
POWELL, SOPHIE HULSIGER.....	Glen Ridge, N. J.
PULSIFER, ADELBERT ERNEST.....	Yonkers, N. Y.
RAISCH, WILLIAM LE ROY.....	Ocean Grove, N. J.
RANKIN, HERBERT B.....	Perth Amboy, N. J.
REYNOLDS, GERALD.....	New York City
RICHMOND, FRED M.....	Youngstown, O.
SCHAWAROCH, JOHN THEODORE.....	Elmhurst, L. I., N. Y.
SCHOENING, FREDERICK.....	New York City
SCHULMAN, GEORGE.....	New York City
SEE, ELLA E.....	Rochester, N. Y.
SHUBERT, CLARENCE B.....	New Haven, Conn.
SMITH, LILLIAN.....	Edgefield, S. C.
SNYDER, FRANCES.....	Brownwood, Tex.
SOHN, HEDDA.....	New York City
STEPHENS, HELEN.....	Macomb, Ill.
STEWART, ELLEN.....	Chicago, Ill.
STRANG, ANNA ALICE.....	Montrose, Colo.
STRANGE, ORA.....	New York City
SUTHERLAND, ANNE.....	New York City
TEMPLE, JANE HERRING.....	Pages Mills, S. C.
THOMPSON, HARRIET DUNCAN.....	Brooklyn, N. Y.
VANNIER, MARION LYDIA.....	Sierra Madre, Cal.
VIEH, MINNIE L.....	Ste. Genevieve, Mo.
VOAK, ELIZABETH E.....	New York City
WAGLER, ARTHUR CHARLES.....	Brooklyn, N. Y.
WALTER, KATHRYN.....	Easton, Pa.
WATSON, MINNIE V.....	Brooklyn, N. Y.
WEIDNER, FRANCES.....	Chester, Pa.
WEINBERG, JEANNETTE.....	New York City
WENTZLE, LESLIE.....	Bellwood, Pa.
WESTERVELT, HARRY IRVING.....	Arlington, N. J.
WHITE, ELEANOR.....	New York City
WHITFORD, ADELINA B. (MRS.).....	Hastings, Minn.
WHITLOCK, FRANCES JEANNETTE.....	Los Angeles, Cal.
WHITLOCK, MARY.....	New Brunswick, N. J.
WILKINSON, ANNE KATHLEEN.....	Gastonburg, Ala.
WILLIAMS, MARY A.....	New York City
WILMOT, EDNA MINERVA.....	Hazleton, Pa.
WILSON, HELEN F. (MRS.).....	New York City
WILSON, LINDEN MARGUERITE.....	New York City

## Summary

## A. SCHOOL OF EDUCATION:

## I. Graduate Students:

Candidates for the Doctor of Philosophy degree and the Teachers College Diploma.....	133
Candidates for the Master of Arts degree and the Teachers College Diploma.....	521
Unclassified.....	77
	<hr/> 731

## II. Professional Students:

Candidates for the Bachelor of Science degree and the Teachers College Diploma, or for the Departmental Certificate:

## For Teaching:

Biology.....	2
Elementary Education.....	38
English.....	17
French.....	4
Geography.....	1
German.....	4
History.....	13
Kindergarten.....	34
Latin.....	1
Mathematics.....	14
Physical Science.....	3
Religious Education.....	4
Rural Education.....	3
Secondary Schools.....	5
Spanish.....	1
Supervision in Elementary Schools.....	63
Supervision in Kindergarten.....	24
Supervision in Primary Grades.....	5

## III. Unclassified Students..... 104

Less duplicate counts, students candidates for more than one diploma..... 2

## B. SCHOOL OF PRACTICAL ARTS:

## I. Graduate students with major subjects in practical arts, also registered in School of Education (see above)..... 125

## II. Candidates for the degree of Bachelor of Science in Practical Arts:

Freshmen.....	188
Sophomores.....	136
Juniors.....	103
Seniors.....	46
Unclassified.....	89

## III. Professional Students:

Candidates for the degree of Bachelor of Science in Education and the Teachers College Diploma, or for the Departmental Certificate:

## For Teaching:

Fine Arts.....	58
Household Arts.....	249
Industrial Arts.....	53
Music.....	23
Nursing and Health.....	65
Physical Education.....	57

## C. SUMMARY FOR BOTH SCHOOLS:

Total matriculated students in School of Education.....	1030
Total matriculated students in School of Practical Arts.....	1192
Additional matriculated students, both schools, Summer Session, 1915.....	1284
Matriculated students from other parts of the University.....	435
Total matriculated students, Teachers College, from July 1, 1915.....	3941
Pupils in Horace Mann Schools.....	1074
Total attendance, Teachers College and its schools.....	5015



# REGISTER OF STUDENTS

## COLLEGE OF PHARMACY

### Third Year University Class

ARONSTAMM, GEORGE C.....	New York City
BLAU, JOSEPH.....	New York City
CAPECI, ERNEST.....	Port Chester, N. Y.
COHEN, JOSEPH .....	New York City
DISPENZA, MISS ROSE L.....	New York City
DRAGOTTA, BASIL .....	New York City
GREENWOOD, SAMUEL B.....	Newark, N. J.
GUCK, OSMOND M.....	New York City
MCBRIDE, WILLIAM A.....	Kingston, N. Y.
MADDEN, JAMES B.....	Saranac Lake, N. Y.
O'HAGAN, JR., CHARLES.....	Port Chester, N. Y.
PAULONIS, JOSEPH F.....	New York City
SESTA, JOSEPH A.....	Jersey City, N. J.
STRONGIN, HERMAN F.....	Norwich, Conn.
VAN VOORHIS, ALFRED J.....	Highland Falls, N. Y.

[15]

### Second Year University Class

BACON, WILMER O.....	Greenwood, Miss.
BARTLETT, KENNETH A.....	Dalton, Mass.
BROWN, LEO ROBERT .....	Carteret, N. J.
BROWN, MISS LOIS AUDREY .....	Englewood, N. J.
CAFFREY, MISS EDYTHE R.....	New York City
CORTI, RENATO M.....	Mamaroneck, N. Y.
GERMAN, BARNET .....	New York City
HAMMOND, ARTHUR A.....	West Orange, N. J.
KEENAN, EARLE T.....	Lindley, N. Y.
KIRKLAND, KENNETH S.....	Canton, N. Y.
KLEPPNER, MISS VILMA .....	Sea Gate, N. Y.
LEHMAN, ROY ALLISON .....	New York City
LIPOWSKY, ISIDORE.....	Mamaroneck, N. Y.
MANJONEY, VINCENT, JR.....	Bridgeport, Conn.
MILLER, HENRY E.....	Roscoe, N. Y.
RAGGIE, MRS. BEATRICE I.....	Jersey City, N. J.
RIZZO, PETER.....	New York City

[17]

### First Year University Class

ANAPOL, GEORGE.....	New York City
ARGÜESO, MISS JOSEFINA.....	New York City
ARNOLD, HENRY C. F.....	Quogue, L. I.

BAILIN, JULIUS.....	New York City
BEDLE, FRED P.....	Highlands, N. J.
BRIEGER, MONROE.....	New York City
BUTTENBAUM, FREDERICK D.....	Town of Union, N. J.
CLYMER, RUDOLPH N.....	Phillipsburg, N. J.
COCCOLA, ANTHONY T.....	Rye, N. Y.
CONCIALDI, JOSEPH G., JR.....	Rockaway, N. J.
FASOLINO, ROCCO.....	Port Chester, N. Y.
GITTENS, OSCAR F.....	London, England
GORLIN, SOLOMON.....	Jersey City, N. J.
HOLTZMAN, MICHAEL.....	Elizabeth, N. J.
HYMAN, LOUIS R.....	Pt. Jefferson, N. Y.
KISH, MISS CHARLOTTE B.....	Trenton, N. J.
LARRISON, EVERETT H.....	Eatontown, N. J.
LINE, CLARENCE S.....	Westtown, N. Y.
MACADAMS, HAROLD.....	Metuchen, N. J.
NICHOLS, FREDERICK D.....	Greensboro, N. C.
PALERMO, RALPH.....	Rye, N. Y.
PHELPS, ROY D.....	Greensboro, N. C.
SCHUEER, SIDNEY F.....	New York City
SINCLAIR, WILLIAM.....	Jersey City, N. J.
STALOFF, EDWARD.....	New York City
STEINBERG, JACOB A.....	New York City
TRINER, JOSEPH L.....	Chicago, Ill.
VORSANGER, BENJAMIN M.....	New York City
WILSON, EDGAR.....	New York City

[29]

## Senior College Class

ACKERMAN, STEPHEN W.....	Poughkeepsie, N. Y.
AMEDEO, JOSEPH B.....	New York City
ARONOVIC, ABRAHAM.....	New York City
AXELBANK, PHILIP.....	New York City
BADDOUR, MRS. ESTELLA J.....	New York City
BALL, HAROLD S.....	Monroe, N. Y.
BANKERT, ANTHONY G.....	Utica, N. Y.
BAUM, MISS JENNIE.....	Newark, N. J.
BECKER, MORRIS.....	Yonkers, N. Y.
BEGG, STERLING.....	Bronxville, N. Y.
BELLINSON, SAMUEL I.....	New York City
BERGER, KALMEN.....	New York City
BERGER, MILTON.....	Port Chester, N. Y.
BERKOWITZ, SAMUEL.....	New York, N. Y.
BLOMEIER, WALTER H.....	New York City
BOWER, CHARLES W.....	Jersey City, N. J.
BRENNAN, BERNARD.....	Mohawk, N. Y.
BRUNSWIG, LEO.....	Jersey City, N. J.
BUCCANNING, LEROY H.....	Port Jervis, N. Y.
BURNS, H. M.....	New York City
CHALIAN, VINCENT F.....	Priceburg, Pa.
COHEN, HARRY.....	New York City
COHEN, MORRIS.....	New York City

CUMMING, JAMES H.....	New York City
DAVIDSON, MISS FANNIE.....	New York City
DE SANTIS, HUMBERT.....	New York City
DINCIN, HERMAN B.....	New York City
DOWSEY, G. HAROLD.....	Great Neck, N. Y.
EGERMAN, ISADORE H.....	Yonkers, N. Y.
ESPERSON, GERHARD.....	New York City
FRANCESCHI, DARIO.....	New York City
FRANK, RICHARD A.....	Town of Union, N. J.
FRIEDLANDER, ALEXANDER W.....	New York City
FRIEDMAN, ALEXANDER S.....	New York City
FRIEDMAN, ISIDORE.....	New York City
FRITZ, JACOB C.....	New York City
FRYER, LOUIS.....	New York City
GALGANO, LOUIS.....	White Plains, N. Y.
GEIST, VALENTINE C.....	New York City
GERSON, SIMON J.....	New York City
GILMAN, MISS SARAH.....	New York City
GOLDBERG, EDWARD I.....	New York City
GORMAN, BERNARD A.....	Scranton, Pa.
GOULKO, MARTIN.....	New York City
GRANATELLI, ACHILLE.....	New York City
GREAT, SAMUEL.....	New York City
GROSSMAN, JESSE.....	New York City
GUTOWSKI, ADAM T.....	New York City
HANELLIN, SIMON.....	New York City
HATCH, STEPHEN C.....	Portland, Me.
HEISLER, JOHN JACOB.....	Oswego, N. Y.
HELLER, HENRY B.....	New York City
HELLER, JACOB A.....	New York City
HELLER, MAX J.....	New York City
HORWITZ, ABRAHAM.....	New York City
IGLITZEN, JACOB.....	New York City
INSINGA, SALVATORE.....	New York City
JOHNSON, VICTOR.....	New York City
JONAS, BARNET.....	New York City
KAESMANN, HERBERT C.....	New York City
KAHN, BENNY I.....	New York City
KAHN, PHILIP.....	New York City
KAPLAN, HARRY.....	New York City
KLEIN, HERMAN S.....	New York City
KLINGELE, CONRAD P.....	New York City
KNIASEWICH, ABRAHAM.....	New York City
KOHOUT, OTTO.....	New York City
KOMISARUK, SOLOMON.....	New York City
KOPP, JACOB.....	New York City
KOZAKIEWITZ, LOUIS.....	New York City
KRAMER, JACOB L.....	New York City
LANDSMAN, SAMUEL M.....	New York City
LANZA, JOSEPH N.....	New York City
LARSON, CARL G.....	Elmira, N. Y.
LATTMAN, ISIDORE.....	New York City

LATTMAN, MORRIS.....	New York City
LEIN, MISS PAULINE.....	Jersey City Heights, N. J.
LENER, ABRAHAM.....	New York City
LEVINSON, IRVING J.....	New York City
LEVITT, WILLIAM M.....	New York City
LEVY, ISIDORE.....	New York City
LINCK, TRUMAN A.....	Kansas City, Mo.
LITT, HERMAN W.....	New York City
LOSCALZO, HENRY PETER.....	Winfield, N. Y.
LUBMAN, HARRY.....	New York City
MCBRIDE, WILLIAM J.....	New York City
MCCLANE, WILLIAM E.....	New York City
MAER, IRWIN MEYER.....	New York City
MAGGIO, MICHAEL A.....	New York City
MAISLICH, MAURICE.....	New York City
MARASHLIAN, HOVHANNES S.....	New York City
MARKOWITZ, JOSEPH.....	New York City
MASELLI, ROBERT.....	New York City
MASINI, ALFRED L.....	Hoboken, N. J.
MASLON, JOSEPH.....	New York City
MASTERSON, EUGENE A.....	New York City
MATERA, AUGUSTUS A., JR.....	New York City
MAY, EDWARD A.....	New York City
MEIER, MISS MARY E.....	Butler, N. J.
MILLER, EDWARD S.....	Weehawken, N. J.
MILLER, SAMUEL A.....	New York City
MINTZIS, HERSH L.....	New York City
MISTRETTA, JAMES.....	New York City
MORRIS, WILLIAM C.....	New York City
MOSSOWITZ, CHARLES.....	New York City
MUSKIN, LOUIS.....	New York City
NADEL, MISS ROSE.....	New York City
NAVID, SAUL.....	New York City
NICASTRO, E. EDWARD.....	New York City
PAPE, EDWARD.....	New York City
PASCAL, SOLOMON.....	New York City
PERKINS, GEORGE W.....	Glen Cove, N. Y.
PERLA, MRS. FLORENCE N.....	New York City
PINCK, JOSEPH L.....	Passaic, N. J.
PROTE, JOSEPH C., JR.....	New York City
RAMPULLA, JOSEPH J.....	New York City
RESNICK, JULIUS.....	New York City
RHODES, PAUL B.....	Ithaca, N. Y.
RICHARDSON, GERALD A.....	Jersey City, N. J.
ROBINS, JACOB.....	New York City
ROGOFF, SAMUEL.....	New York City
ROSATI, VINCENT.....	New York City
ROSENBERG, JOSEPH H.....	New York City
ROSENBERG, MILTON.....	New York City
ROVENGER, LEOPOLD.....	New York City
RUBINFELD, SAMUEL A.....	New York City
RUDERMAN, JACOB.....	New York City

RULON, RICHARD S.....	Bay Shore, N. Y.
SAKSON, MILTON WILLIAM.....	New York City
SALM, RAYMOND W.....	Elizabeth, N. J.
SARLI, WILLIAM F.....	New York City
SCHAFER, MARTIN J.....	Schenectady, N. Y.
SCHATZ, JULIUS.....	New York City
SCHWETZ, ABRAHAM.....	New York City
SCILIPOTI, LUDWIG W.....	New York City
SHANK, JULIUS I.....	New York City
SHERESHEWSKY, GAMALIEL.....	New York City
SIEBERT, FRANK T.....	Corona, L. I.
SIMON, JOSEPH.....	New York City
SKYDANEK, BERNARD.....	New York City
SLAVIN, HYMAN.....	New York City
SMITH, HAROLD A.....	Castleton, Vt.
SMITH, JOSEPH.....	New York City
SMITH, MEYER.....	New York City
SNYDER, ALFRED C.....	Patchogue, N. Y.
SOBEL, PHILIP.....	Newburgh, N. Y.
SOLOMON, SIGMUND.....	New York City
SPOSTA, CARMINE A.....	New York City
STEINHARDT, ABRAHAM.....	New York City
STRASSER, WALTER E.....	New York City
TARALLO, CLEMENT.....	New York City
TASSINARI, CÆSAR A.....	New York City
TESIERO, THOMAS R.....	Amsterdam, N. Y.
TETELMAN, HARRY.....	New York City
TROMPETER, AARON.....	New York City
WARFMAN, SAMUEL.....	Utica, N. Y.
WASSERMAN, MARTIN S.....	New York City
WEISBERG, MISS DOROTHY.....	New York City
WEISS, FREDERICK.....	New York City
WEISS, RUDOLPH.....	Winfield, N. Y.
WEISSMAN, SAMUEL.....	New York City
WILENSKY, WOLF.....	New York City

[162]

## Junior College Class

ABALO, ARISTIDES.....	Santa Cruz del Sur, Cuba
ABARNO, PATSY.....	New Rochelle, N. Y.
ACKERMAN, ISIDOR.....	New York City
ADAMS, MISS ALMA.....	Jersey City, N. J.
ADOLPH, EDWARD H.....	New York City
ALLIANIELLO, AUGUSTUS F.....	New York City
ALLO, IGNATIUS.....	New York City
AMICO, PETER.....	New York City
APPLEBAUM, SAM.....	New York City
BACCHI, ROSARIO J.....	New York City
BARISH, BENJAMIN M.....	New York City
BARRY, RUTLEDGE B.....	New York City
BARTNER, SOLOMON.....	New York City
BENDER, FREDERICK G.....	New York City

BERMAN, FRANK.....	New York City
BILLOON, ALVIN.....	New York City
BLASO, JAMES G.....	New York City
BLOCK, HARRIS L.....	New York City
BLOOM, PAUL D.....	New York City
BONVICINO, ERNEST.....	New York City
BOOXBAUM, ABRAHAM.....	New York City
BROOKMAN, HARRY A.....	New York City
BROTZKY, MISS ROSE.....	New York City
BRUNS, GEORGE, JR.....	New York City
BUSS, JULIUS.....	New York City
BUSSELL, HYMAN.....	New York City
CADDIGAN, ARTHUR A.....	Johnsons, N. Y.
CAGNINA, PASQUALE J.....	New York City
CANTALUPO, JAMES A.....	New York City
CANTOR, THEODORE.....	New York City
CAROPRESI, LOUIS.....	New York City
CARRIER, EDWARD MCCOY.....	Middletown, Conn.
CARVER, FRED W.....	Ellenville, N. Y.
CASAVIS, JACK N.....	New York City
CELANO, JOSEPH V.....	New York City
CELANO, MAGNO.....	New York City
CHASIN, MISS NETTIE.....	New York City
CHECCHIA, MISS THERESA M.....	New York City
CHESNO, JACQUES R.....	New York City
CHIRICO, ANTHONY.....	New York City
CHRISTINA, VINCENT.....	New York City
CLEMENS, RAYMOND F.....	Herkimer, N. Y.
CLOHERTY, JAMES P.....	Scranton, Pa.
COOL, HAROLD N.....	Crestmont, N. C.
COMMONS, VIVIAN K.....	New York City
COYLE, THOMAS P.....	Canandaigua, N. Y.
DAVIDSON, MISS REGINA.....	New York City
DAVIS, SAMUEL, JR.....	Boonton, N. J.
DE FRIES, BENJAMIN.....	New York City
DE GIOVANNA, JOSEPH.....	New York City
DESANGLES, JULIUS A.....	New York City
DIODATO, DOMINICK.....	New York City
DREIZIN, HERMAN.....	New York City
DUNCAN, ABRAHAM.....	Rahway, N. J.
D'URGOLO, JOSEPH E.....	New York City
EFFROS, MISS IDA.....	New York City
EHRENBERG, MAX.....	New York City
ELLINGHAM, CLARENCE R.....	Cornwall-on-Hudson, N. Y.
ENGLEMAN, CHARLES.....	New York City
FARRELL, HAROLD J.....	Middletown, N. Y.
FASSBERGER, CHARLES A.....	New York City
FEDERMAN, SAMUEL.....	New York City
FELDSTEIN, MISS SADONIA.....	New York City
FELINO, GEORGE W.....	New York City
FELSEN, MAX.....	New York City
FERRO, MISS ROSE.....	New York City

FIER, NEUMAN.....	New York City
FILSINGER, AUREL H.....	New York City
FINKELSTEIN, MEYER.....	New York City
FISCELLA, ANTHONY V.....	New York City
FLEISCHER, WILLIAM.....	New York City
FLERI, EDWARD C.....	New York City
FOOXSUN, NATHAN.....	New York City
FRANKEL, BENJAMIN.....	New York City
FRANKLIN, MARCUS I.....	New York City
FREDERICKSON, FRED.....	Cornwall-on-Hudson, N. Y.
FRIEDLAND, JOSEPH.....	New York City
FRISCIA, AMERICO B.....	New York City
FRISCIA, ANTHONY.....	New York City
FUCHS, FRED.....	New York City
FUSCO, JOSEPH J.....	New York City
GAGGIN, MISS ELSIE B. M.....	Lindenhurst, L. I.
GENUNG, ROLAND B.....	Ithaca, N. Y.
GEORGE, PETER S.....	New York City
GICHMAN, MAX.....	New York City
GINSBERG, JULIUS.....	New York City
GITLOW, DAVID L.....	New York City
GLUCKSMAN, MISS MIRIAM.....	Jersey City, N. J.
GOLDEN, ABRAHAM.....	New York City
GOLDFARB, SAUL.....	New York City
GOLDSTEIN, HARRIS.....	New York City
GOLDSTEIN, SAMUEL.....	New York City
GORLIN, SAMUEL.....	New York City
GORN, MISS DINA.....	New York City
GRAZIANI, ATTILIO.....	New York City
GREENFELD, LOUIS.....	New York City
GRENNIE, FRANK L.....	New York City
GRIBBLE, MISS JOHANNA F.....	Fairchance, Pa.
HANDLEMAN, MISS LILLIAN.....	New York City
HANS, EDWIN D.....	New York City
HARRIS, SAMUEL.....	Kingston, N. Y.
HAWKINS, MARSHALL V.....	Brookhaven, N. Y.
HELFAND, LEO.....	New York City
HOLZBERG, LOUIS D.....	New York City
HOLZER, RUDOLPH G.....	New York City
HOROWITZ, LOUIS.....	New York City
HOROWITZ, BENJAMIN.....	New York City
IMMEDIATO, PHILIP J.....	New York City
JIMINEZ, ARTHUR.....	New York City
JACKOWITZ, DAVID M.....	New York City
JACOBUS, MILTON.....	New York City
JACOBS, LOUIS.....	New York City
JOHNSTON, HOWARD C.....	New York City
KADUSHIN, DAVID E.....	New York City
KALTMAN, DAVID L.....	New York City
KARR, WILLIAM.....	Oswego, N. Y.
KESSLER, HENRIETTA A.....	Mt. Vernon, N. Y.
KESSLER, SIDNEY.....	New York City

KLEINMAN, HARRY.....	New York City
KONNERTH, RUDOLPH.....	New York City
KRIMKE, CARLO J.....	New York City
KROSER, CHARLES.....	New York City
KUSTER, ATTILIO.....	New York City
LAROSSA, ERNEST.....	New York City
LEE, LUNG.....	Canton, China
LEHMAN, FRANK N.....	New York City
LEIFER, MEYER.....	New York City
LEMBO, JOSEPH C.....	New York City
LEVIN, JACOB.....	New York City
LEVIN, MOSES.....	Mountindale, N. Y.
LEVINE, BENJAMIN W.....	Long Island City, N. Y.
LEVINSON, BENJAMIN A.....	New York City
LIEBERSON, MAX L.....	New York City
LIVOTI, JOSEPH.....	New York City
LIPSCHITZ, EZRA.....	New York City
LISBERGER, HARRY.....	New York City
LONDNER, ISIDORE J.....	New York City
LONG, SISTER PAUL.....	New York City
LOSAK, WILLIAM.....	New York City
McCLOSKEY, CHARLES G.....	Jersey City, N. J.
McEvoy, WILBER H.....	New York City
MAIDMAN, JACOB.....	New York City
MANGER, MAURICE L.....	New York City
MAREK, MAX.....	New York City
MARKOWITZ, BENJAMIN.....	New York City
MARKOWITZ, ISIDOR.....	New York City
MATLAW, JACOB.....	New York City
MAZELOFF, AARON.....	New York City
MEDOFF, HENRY.....	New York City
MEIROVITS, IRVING.....	New York City
MELTZER, DAVID.....	New York City
MENDEL, JULIUS.....	New York City
MILANO, EDWARD E.....	New York City
MILLER, MAXIM D.....	New York City
MONTANI, ROCCO J.....	Jersey City, N. J.
MOONVES, JACOB B.....	New York City
MUTCHNICK, JOSEPH.....	New York City
NAGLER, MORRIS.....	New York City
NASANOWSKY, DAVID.....	New York City
NIGO, HARDY.....	New York City
NOTAR-ANGELO, WILLIAM.....	New York City
NUROCK, LOUIS.....	New York City
OBLETZ, SAMUEL.....	New York City
OFRIAS, JOSEPH.....	New York City
OLMSTEAD, BLAKE W.....	Monticello, N. Y.
PANTANO, VINCENT F.....	New York City
PARESI, MISS DOROTHY.....	New York City
PECHARSKY, JACOB.....	New York City
PENNACHIO, JOSEPH P.....	Jersey City, N. J.
PERILLO, JOSEPH A.....	New York City



PETKER, MAX .....	New York City
PETTY, HAROLD A.....	Huntington, N. Y.
PINK, LOUIS.....	Passaic, N. J.
PLATZKER, JAMES S.....	New York City
POWELL, BENJAMIN J.....	Westhampton Beach, N. Y.
PRILIK, BENJAMIN.....	New York City
RABINOVITCH, ISRAEL.....	New York City
RELKIN, ALBERT S.....	New York City
RENNEMANN, JOHN.....	New York City
RETZLAFF, WALTER.....	New York City
RICHARDSON, ROBERT E.....	Ridgefield, Conn.
ROCCO, JOSEPH.....	New York City
ROMAGNANO, ONOFRIO.....	New York City
ROOSA, ELTING .....	Ossining, N. Y.
ROSA, NICHOLAS .....	New York City
ROSANIA, NICHOLAS .....	New York City
ROSEN, HENRY.....	New York City
ROSENBAUM, ABRAHAM.....	New York City
ROSENBLOOM, ISIDOR LESTER.....	Stamford, Conn.
ROWITZ, ISIDOR.....	Newark, N. J.
RUSSELL, CHARLES M.....	Port Jervis, N. Y.
SACHS, HARRY .....	New York City
SACHS, SAMUEL J.....	New York City
SATRIALE, GERARD A.....	New York City
SAVARESE, JOHN .....	New York City
SCHEIN, LOUIS.....	New York City
SCHENKMAN, JACOB.....	New York City
SCHIFFMAN, JONES.....	New York City
SCHMERER, MAX .....	New York City
SCHMIDT, LOUIS C.....	Hoboken, N. J.
SCHNEIDERMAN, DAVID.....	New York City
SCHENBERG, DAVID .....	New York City
SHUBE, SANDER A.....	Englewood, N. J.
SCHWARZ, IRA I.....	Newark, N. J.
SCHWARTZ, MANDEL.....	New York City
SELTZOW, LOUIS .....	New York City
SEMON, JOHN .....	Woodhaven, N. Y.
SENFT, WILLIAM J.....	New York City
SEVERINO, PASQUALE .....	New York City
SHAPIRO, LAZARUS.....	New York City
SHERMAN, BENJAMIN WILLIAM.....	New York City
SIOVITZ, NATHAN.....	New York City
SLOBODKIN, LOUIS.....	New York City
SMALLS, ARTHUR J.....	New York City
SMITH, JULIUS.....	New York City
SMITH, WILLIAM I.....	Pt. Richmond, N. Y.
SOLER, MORDUCH A.....	New York City
SOLOFF, BERTRAM B.....	New York City
SPARBER, JACOB I.....	New York City
SPECTOR, BENJAMIN L.....	New York City
SPEIGELGLASS, ARCHIE L.....	New York City
SPIVAK, MORRIS.....	New York City

SPOTKE, FRANCIS G.....	New York City
STEIGER, LEONARD.....	Hillsdale, N. J.
STEIN, JOEL.....	New York City
STEINMAN, HERMAN R.....	New York City
STERNBERG, OSIAS.....	New York City
STIVALA, AMBROGIO.....	New York City
STREIT, JOHN F.....	New York City
STRUM, JACOB.....	New York City
SUSSMAN, CHARLES H.....	New York City
SUTCLIFFE, ERNEST M.....	Newburgh, N. Y.
SWERSKY, MISS JEANNETTE.....	New York City
TILLEY, JACK L.....	Stamford, Conn.
TRIVISONNO, LOUIS.....	Pt. Richmond, S. I.
TULCHIN, LOUIS.....	New York City
VARGA, JOHN.....	New York City
VAUGHN, CARROLL M.....	Windsor N. C. Canada
VILLAMENA, MRS. EMILY M.....	New York City
VINCIPROVA, LORENZO.....	New York City
VISCARDI, JOSEPH J.....	New York City
VOGEL, DANIEL R. C.....	Woodhaven, N. Y.
VOIGHT, HENRY H.....	New York City
VOSKA, MISS WILHELMINA.....	New York City
WAINGER, ALEXANDER.....	New York City
WALT, GEORGE I.....	New York City
WEINSTEIN, HYMAN.....	New York City
WEINSTEIN, LEO.....	New Bedford, Mass.
WETCHLER, SOLOMON.....	New York City
WHALEN, WILLIAM.....	Millbrook, N. Y.
WHEELER, NEWTON G.....	Sandy Creek, N. Y.
WILDMAN, JOSEPH.....	New York City
WILSON, EDWARD H.....	New York City
WOHL, MAX I.....	New York City
WOLFSON, WILLIAM.....	Tampa, Fla.
WRIGHT, LOUIS R.....	Wilmington, Del.
ZACCARDO, DOMINIC A.....	New York City
ZATULOVE, IRVING I.....	New York City
ZEULL, OCTAVIUS H.....	New York City

[259]

#### Food and Drug Class

FELTUS, LAMBERT M.....	Seneca Falls, N. Y.
GALOTTA, STEFANO L.....	New York City
PICA, ALFRED.....	New York City
STEVES, BERTRAM C.....	New York City

[4]

#### Evening Class

BACON, WILMER O.....	Greenwood, Miss.
CHERCASS, DAVID.....	New York City
DANCIS, JACOB.....	New York City
DOWNER, WILLIAM J.....	New York City
FRIEDMAN, URIAH M.....	New York City

GAIR, ABRAHAM.....	New York City
HAMMOND, ARTHUR.....	West Orange, N. J.
HENNING, ADOLPH.....	New York City
KINASEWICH, A.....	New York City
LANZA, J. N.....	New York City
LATTMAN, ISIDORE.....	New York City
LEES, ABRAHAM.....	New York City
LEITERMAN, MISS LILLIAN.....	New York City
LONGO, SALVATORE.....	New York City
MERRITT, STEPHEN K.....	New York City
NEIMANN, GEORGE.....	New York City
OBERDORFER, GEORGE.....	New York City
PARKER, FRANK.....	New York City
RAMOS, ALFRED.....	New York City
ROBBINS, R. B.....	New York City
VALVANO, JOHN.....	New York City
WAGNER GEORGE L.....	New York City
WALL, JOHN R.....	New York City
WICKHAM, EDWARD A.....	Newark, N. J.

[24]

**Recapitulation**

Third Year University Class.....	15
Second Year University Class.....	17
First Year University Class.....	29
Senior College Class.....	162
Junior College Class.....	259
Food and Drug Class.....	4
Evening Class.....	24
Grand Total.....	510
Deduct for double registration.....	5
	<hr/> 505



# INDEX

Academic Calendar, 317-321  
 Adams Precision Laboratory, 160  
 Administration, Officers of, 5-9, 46-47  
     Educational, Courses in, 99  
     Hospital, Courses in, 163, 104  
     Institutional, Courses in, 104  
 Administrative Board of Extension Teaching, 7  
 Administrative Board of School of Architecture, 7  
 Administrative Board of School of Journalism, 7  
 Administrative Board of Summer Session, 7  
 Administrative Board on Instruction and Research in Agriculture, 7  
 Administrative Law, Courses in, 131  
 Admission, 47-48, 174-181, 182, 186, 229  
     Barnard College, 176, 229  
     College of Pharmacy, 176, 237  
     College of Physicians and Surgeons, 174, 185  
     Columbia College, 176, 182  
     Extension Teaching, 251  
     School of Architecture, 176, 221  
     School of Journalism, 176, 225  
     School of Law, 186  
     Schools of Mines, Engineering, and Chemistry, 199  
     Teachers College, School of Education, 174, 234  
     Teachers College, School of Practical Arts, 176, 235  
 Advanced standing, Admission with, *see* Admission  
 Advisory Committee on Art, 8  
 Age for matriculation, 174  
 Agriculture, Administrative Board on Instruction and Research in, 7  
 AGRICULTURE, DEPARTMENT OF, 62-63  
     Courses, 62-63  
 Alliance with the Presbyterian Hospital, 190  
 Alumni and Student publications, 315-16  
 Alumni Association of the College of Physicians and Surgeons, 310  
 Alumni Federation, and Organizations, 309-12  
     General Catalogue, Publications, 315-16  
     Trustees, 1, 309-10  
 American Mathematical Society Library, 56  
 Analytical Metallurgy, 137  
 ANATOMY, DEPARTMENT OF, 49, 63-64  
     Courses, 63-64; Equipment, 64; Laboratories, 64; Museum, 64; Officers of Instruction, 63; Research, 64; Study, 64  
 ANCIENT AND ORIENTAL LANGUAGES AND LITERATURES, DIVISION OF, 49, 85-89, 144-47  
 Announcements, 49, 59  
 ANTHROPOLOGY, DEPARTMENT OF, 49, 64-65  
     Courses, 64-65; Officers of Instruction, 64; Summer Session, 65  
 Apparatus, etc., Deposits for, 53  
 Applied Metallurgy, 138  
 Appointment Committees, 53  
 Arabic, Courses in, 147  
 ARCHITECTURE, SCHOOL OF, 48, 65-68, 220-21  
     Admission subjects, 221; Courses, 65-68; Extension, 67; Officers of Instruction, 65; Summer Session, 67

Armenian, Courses in, 145  
 Art, Advisory Committee on, 8  
 Assistant Librarians, 6  
 Assistants, 35-37; at the Vanderbilt Clinic, 37, 193; Clinical, 37-38, 90, 92, 162, 171; Summer Session, 245  
 Associates, 26-27  
 Assyrian, Courses in, 147  
 ASTRONOMY, DEPARTMENT OF, 49, 68-69  
     Courses, 68; Equipment, 69; Library, 69; Officers of Instruction, 68  
 Athletics, University Committee on, 60  
 Avery Architectural Library, 56, 67, 89, 220  
 Avestan, Courses in, 145  
 Awards of Fellowships, Scholarships, Honors, Prizes, etc., 280-91  
 Bachelor of Architecture, Courses for degree of, 221-22  
 Bachelor of Arts, Courses for degree of, 183-84  
     Barnard College, 230-31  
 Bachelor of Laws, Courses for degree of, 187  
 Bachelor of Science, Courses for degree of, 183-84  
     Barnard College, 231  
 Bacteriological Chemistry, Courses in, 71  
 BACTERIOLOGY, DEPARTMENT OF, 49, 69-70  
     Courses, 69-70; Equipment, 70  
 Bar Association Library, 98, 132  
 BARNARD COLLEGE, 47-48, 51, 176, 228-32, 281-82, 296  
     Admission, 229  
     Courses for degrees, 230-31; in Botany, 73; in Chemistry, 77; General two years, 232; University courses, 232-33  
     Degrees offered at, 48, 230-31; conferred, 255-56  
     Dormitory, 58  
     Examinations, 176, 177-181  
     Executive Committee, 2  
     Faculty, 228; Delegates to University Council, 4; Standing Committees, 228  
     Fees, 51, 230  
     Fellowships, 281-82; Award, 301  
     Honors, 291, 302  
     Laboratories, 79, 161  
     Library, 56  
     Loan Funds, 291  
     Matriculation, 230  
     Officers of Administration, 5-6  
     Option in professional schools, 231  
     Program of students, 230-31  
     Register of students, 425  
     Registrar's Office, 50  
     Registration, 230  
     Scholarships, Prizes, and Honors, 280-95; Award, 296, 301-03, 303  
     Special Students, 230  
     Standing Committee, 228  
     Trustees, 2  
 Beer Lectures in Political Science, 133  
 Bellevue Hospital, 90-92  
     Clinical Clerkship at, 163  
 Bibliography, University, 313-16  
 BIOLOGICAL CHEMISTRY, DEPARTMENT OF, 49, 70-71  
     Courses in, Bacteriological, Botanical, Organic, Pathological, Physiological,

- Sanitary, and Toxicological Chemistry, 70-71; Equipment, 71; Summer Session, 71; Teaching Staff, 70
- BIOLOGY, DIVISION OF, 49, 72
- Blumenthal Lectures in Politics, 133, 307
- Board of Managers of the George Crocker Special Research Fund, 8
- Board of Managers of the Sloane Hospital for Women, 8
- Board of Managers of the Vanderbilt Clinic, 8
- Bookstore, University Press, 57
- BOTANY, DEPARTMENT OF, 49, 72-75
- Convention, 73, 75; Courses, 72-74; at Barnard College, 72; Extension, 74; Summer Session, 73-74; Equipment, 74; Library, 75; Museum, 74; Teaching Staff, 72
- Brooks Hall, 58
- Bryson Library, 56
- Buildings and Grounds, Committee on, 2; Superintendent of, 6
- Bulletins of Information, 62, 174
- Calendar, Academic, 317-21
- Calendar, Commencement, 278
- Camp Columbia, 83
- Candidates for degrees, 184, 214; with honors, 183-84; Courses prescribed, 184; Fees, 51; Regulations, 183, 200-01
- Carl Schurz Library Fund, 121, 285-86
- Carpentier Lectures in Law, 133
- Celtic Language, 49
- Certificate in Architecture, 48; Course for, 220, 222
- Certificate in Commerce, 250
- Certificate, Qualifying, for a Pharmacy Student, 237
- Certified Public Accountant, 250
- Chaplain, 6
- Chemical Engineer, Courses for degree of, 208-09
- Chemical Engineering, Course in, 80-81, 208-09
- Chemist, Courses for degree of, 209-10
- Chemistry, Bacteriological, Courses in, 71
- Chemistry, Biological, Department of, 70-71
- CHEMISTRY, DEPARTMENT OF, 49, 61, 75-79, 209-10
- Courses, 75-79; at Barnard College, 73; Extension, 78-79; Summer Session, 77; other, 77-78; Equipment, 79; Instruction, 209-10
- Laboratories, 79; Library, 79; Museum, 79
- Teachers College, 79; Teaching Staff, 75
- CHEMISTRY, DIVISION OF, 49
- Chemistry, Household, Courses in, 104
- Organic, Courses in, 70, 76
- Pathological, Courses in, 70
- Physiological, Courses in, 71
- Sanitary, Courses in, 77
- Toxicological, Course in, 71
- CHEMISTRY, SCHOOL OF, *see* SCHOOL OF CHEMISTRY
- CHINESE, DEPARTMENT OF, 49, 144-45
- Courses, 144-45
- Church History, 124-25
- City Hospital, Clinics at, 192
- Civil Engineer, Courses for the degree of, 204
- CIVIL ENGINEERING, DEPARTMENT OF, 49, 81-84
- Courses, 81-84; Graduate, 83-84; Highway Engineering, 83-84; Summer Courses in Surveying, 83; Equipment, 84; Teaching Staff, 81
- Civil Engineering, Laboratory fees in, 53
- Summer Course in, 52-53
- Classical Archaeology, Courses in, 88
- Classical Civilization, 86
- CLASSICAL PHILOLOGY, DEPARTMENT OF, 49, 85-89
- Courses, 85-89
- Classical Archaeology, 88; Proseminar, 88; Seminar, 8
- Comparative Philology, 88
- Greek: Barnard College, 86; Columbia College, 86; Graduate Courses, 87-88; Summer Session, 88
- Latin: Barnard College, 86; Columbia College, 85; Graduate Courses, 87-88; Summer Session, 88-89; Teachers College, 106; Teaching Staff, 85
- Clerk of Trustees, 1
- Clinic, Chiefs of, give medical advice, 53
- Clinical assistants, 37
- Clinical clerkship, 56, 163 190, 193
- CLINICAL INSTRUCTION, DEPARTMENT OF, 90-91
- Courses, 90-91; Teaching Staff, 90
- CLINICAL PATHOLOGY, DEPARTMENT OF, 162-64
- Courses, 163-64; Equipment, 164; Laboratory, 164; Research, 164; Teaching Staff, 162
- Clinical Professors, 163
- Clinics at the hospitals, 192
- Clothing, Courses in Textiles and, 104
- Collection, Metallurgical, 138
- Collections, Library, 56
- Collections, Paleobotanical, 116
- College Entrance Diploma, 174
- College Entrance Examination Board, 174-75
- Examinations, 174-81; Question papers, 177-81
- COLLEGE OF PHARMACY, 3, 4, 5, 50, 149-52, 176, 237-39
- Administrative Board, 5; Admission, 237; Courses of study, 149-51, 237-38; Delegates to the University Council, 4; Examination subjects, 176; Faculty, 237; General Statement, 237; Library, 56; Method of Instruction, 239; Officers of Instruction, 237; Prizes, 291-95; Publication, 315; Register of Students, 465; Registrar's Office, 50; Special fees, 51; Summer Preparatory course, 238; Trustees, 3
- COLLEGE OF PHYSICIANS AND SURGEONS (School of Medicine), 4, 6-7, 50, 51, 189-97, 245, 280-95, 300, 353
- Admission, 193; Advanced standing 193-194; Alliance with the Presbyterian Hospital, 190; Buildings and grounds, and equipment, 190; Clinics at the hospitals, 192; Collections, 195; Courses of study for the Degree of M.D. 196-97; Delegates to the University Council, 4; Emeritus Professors, 6-7; Equipment and collections, 190, 195; Faculty, 189; Fees, 51; Fellowships, 280-91; General plan of instruction, 192-93; Historical statement, 189; Library, 190-91; Options, 185; Prizes, 291-95; Register of students, 353; Registrar's Office, 50; Requirements for admission, 193; for graduation, 194; Scholarships, Fellowships, and Prizes, 280-95, 300; Special Students, 194; Standing Committee, 1; Summary, 360; Summer Session, 195, 245; Vanderbilt Clinic, 191
- COLUMBIA COLLEGE, 4, 50-51, 174-85, 280-95
- Admission, 175-76, 182; Advice to Students, 185; Choice of studies, 185; Classification of students, 185; Credit for high standing, 185; Degrees, 184;

with honors, 183-84; Delegates to the University Council from, 4; Entrance Requirements, 174-81; Examination subjects, 177-81; Faculty, 182; Fees, 51; Grades, Credits, and Reports, 183-85; Option in professional Schools, 184-85; Program of studies, 182; Register of students by classes, 322; Registration, 50; Requirements for Graduation, 183-85; Scholarships, 280-91; Special Courses, 182; Standing Committees, 1

Columbia University Press, 57, 314

*Columbia University Quarterly*, 315

Columbiana, 56

Commencement Calendar, 278

Commerce and Finance, 95-96; Courses in, 95-96, 250; evening courses, 250

Committee on:

- Administration, College of Physicians and Surgeons, 189
- Appointments, 53
- Art, Advisory, 8
- Athletics, 8
- Buildings and Grounds: Barnard College, Trustees, 2; University Trustees, 1
- Education: Barnard College Trustees, 2; University Trustees, 1
- Employment for Students, 53
- Finance: Barnard College Trustees, 2; University Trustees, 1
- Honors: Barnard College, 228; University Trustees, 1
- Instruction: 1; Barnard College, 228; Columbia College, 182; Faculty of Philosophy, 212; Faculty of Political Science, 211; Faculty Pure Science, 212; Schools of Mines, Engineering, and Chemistry, 198
- Library, 56
- Scholarships: Barnard College, 228; College of Physicians and Surgeons, 189; Columbia College, 182
- Student Library: College of Physicians and Surgeons, 189
- Student Organizations: Barnard College, 228; University, 60
- University Admissions, 174; Applications, 174; Definition of Requirements, 177-81; Examinations by, 175-81; Fees, 51; Restrictions governing credits, 175; Schedule of examinations, 177-81; Subjects, 175-77

Committees, Standing;

- Barnard College, 228; Trustees, 1
- College of Physicians and Surgeons, 189
- Columbia College, 182
- Faculty of Political Science, 211
- Schools of Mines, Engineering, and Chemistry, 198

COMPARATIVE JURISPRUDENCE, DEPARTMENT OF PUBLIC LAW, AND, 49, 130-33

Comparative Jurisprudence, Courses in, 130-33

COMPARATIVE LITERATURE, DEPARTMENT OF ENGLISH AND, 49, 109-14

Courses, 109-14; Teaching Staff, 109

Comparative Registration:

- 10 years (Table)

Comparative Philology, Courses in, 88

Constitutional Law, Courses in, 131

Cookery, Courses in Foods and, 104; Entrance Requirements, 177

Council, University, 4

Course, General two years' (Barnard College), 231

Course numbers, Significance of, 61

Courses of Study:

- Administration, Educational, 99; Hospital, 104, 163; Institutional, 104
- Administrative law, 131
- Agriculture, 62-63
- Anatomy, 63-64
- Anthropology, 64-65
- Arabic, 147
- Architecture, 65-68
- Armenian, 145
- Art, History of, 66
- Assyrian, 147
- Astronomy, 68
- Avestan, 145
- Bacteriological Chemistry, 71
- Bacteriology, 69-70
- Biological Chemistry, 70-71
- Biology, 72
- Botany, 72-74
- Chemical Engineering, 80
- Chemistry, 75-79
- Chinese, 144-45
- Choral Music, 142
- Church History, 124-25
- Civil Engineering, 81-84
- Classical Archaeology, 88
- Classical Philology, 85-89
- Clinical Instruction, 90-91
- Clinical Pathology, 162-64
- Clothing and Textiles, 104
- Commerce and Finance, 95-96
- Comparative Jurisprudence, 130-32
- Comparative Literature, 109-14
- Comparative Philology, 88
- Constitutional Law, 131
- Cookery and Foods, 104
- Dermatology, 90
- Design, 66, 67, 68
- Diseases of Children, 91-92
- Drafting, 92-93
- Drawing and Design, 66, 67, 68
- Drugs and Foods, 149-51
- Economics and Social Science, 93
- Education, 99
- Egyptian, 143
- Electrical Engineering, 107
- English, 109
- Epigraphy, 146
- Ethics, 152
- Ethiopic, 147
- Finance, 95
- Food Economics, 104
- Foods and Cookery, 104
- French, 103, 165-66, 167, 169
- Geodesy, 68
- Geography, 103
- Geology, 114-16
- German, 117-20
- Germanic Philology, 119
- Gothic, 119
- Greek, 85, 86, 87, 88, 89
- Gynecology, 121-22
- Health, 105
- Hebrew, 146
- Highway Engineering, 83-84
- History, 122-27
- Hospital Administration, 104, 163
- Hospital Clinics, 192, 193
- Household Arts, 104-05
- Icelandic, 118-19
- Industrial Arts, 106-07
- International Law, 131, 132
- Italian, 166, 168, 169
- Kindergarten Education, 100
- Language, Science of, 146
- Laryngology, 91
- Latin, 85, 86, 87, 88, 89

Law, 129-32  
 Library Economy, 245  
 Manual Training, 106  
 Mathematics, 133-35  
 Mechanical Engineering, 136-37  
 Medicine, 196-97  
 Metallurgy, 137-38  
 Mineralogy, 139-40  
 Mining, 140-41  
 Morphology, 63-64  
 Municipal or Private Law, 129-30  
 Municipal Nursing, 105  
 Music, 142-43  
 Nature Study, 143  
 Neurology, 143-44  
 Nursing, 105  
 Nutrition, 105  
 Obstetrics, 144  
 Ophthalmology, 91  
 Optics, 251  
 Organic Chemistry, 76  
 Oriental Languages, 144-48  
 Orthopedic Surgery, 91  
 Otology, 91  
 Pahlavi, 145  
 Paleobotany, 116  
 Pali, 145  
 Pathological Chemistry, 70  
 Pathology, 148-49  
 Pharmacology, 149  
 Pharmacy, 150-51  
 Philology, Germanic, 119  
 Philosophy, 152-54  
 Philosophy of education, 100-01  
 Physical Diagnosis, 163  
 Physical Education, 156  
 Physics, 158-60  
 Physiological Chemistry, 71  
 Physiology, 161  
 Political Economy, 93-95  
 Political Philosophy, 152  
 Politics, 130  
 Practice of Medicine, 162-64  
 Preparatory, 250  
 Professional, 201-10  
 Psychology, 154-55  
 Public Law, 130-32  
 Religion, 164  
 Religious Education, 101  
 Rhetoric and English Composition, 109,  
 110, 111, 112, 113  
 Roman Law, 132  
 Romance Languages, and Literature,  
 165-70  
 Romance Philology, 166, 167  
 Sanitary Chemistry, 77  
 Sanitary Engineering, 82-83, 205  
 Sanskrit, 145  
 Scandinavian, 118-19  
 School of Nursing, 105  
 Science of Language, 146  
 Secondary Education, 102  
 Secretaries, 250  
 Semitic Languages, 146-48  
 Shopwork, 170  
 Social Economy, 97  
 Sociology and Statistics, 96-97, 102  
 Spanish, 166, 168, 169, 170  
 Surgery, 171-72  
 Surveying, 81-82  
 Technical Education, 104  
 Textiles and Clothing, 104  
 Toxicological Chemistry, 71  
 Turkish, 146  
 Urology, 90-91  
 Woodworking, 106  
 Zoology, 172-73  
*See also* Program of Studies

Courses, Prescribed for a degree with Honors, 184

Courses, professional, Summary of, 201  
 Courses, Summer Session of, 190, 245  
 Credit for high standing, 183-84, 185  
 Credit for work done elsewhere, 218-19  
 Credits for Examinations, 195, 182

Deficiency Examinations, 200-01

Definitions of requirements (entrance examinations), 177-81

Degrees with honors, 183-84

Degrees:

Bachelor of Architecture, 51, 221-22, 231, 259-60

Bachelor of Arts, Barnard College, 47-48, 176, 229, 230-31, 253-56

Bachelor of Arts, Columbia College, 47, 51, 62, 175, 254-55

Bachelor of Laws, 48, 51, 62, 187, 256-57

Bachelor of Literature, 48, 51, 226-27, 260

Bachelor of Medicine, 189

Bachelor of Science, Barnard College, 47-48, 176, 231, 256

Bachelor of Science, Columbia College, 47, 176, 255

Bachelor of Science in Architecture, 221; Education, 48-49, 235, 260-62; Pharmacy, 49, 176; Practical Arts, 48-49, 176, 235, 262

Bachelor's Diploma in Education, 235, 267-68

Certificate of Proficiency, 176, 260

Chemical Engineering, 48, 199, 259

Chemist, 48, 199, 259

Civil Engineer, 83, 199, 259

Doctor of Medicine, 48, 62, 189, 192-93, 196-97, 258

Doctor of Pharmacy, 49, 237, 238, 268

Doctor of Philosophy, 48, 51, 187, 216-18, 223, 234, 276-78

Doctor's Diploma in Education, 234, 263

Electrical Engineer, 199, 259

Engineer of Mines, 199, 201-02, 258

Graduate in Pharmacy, 237, 238

Master of Arts, 48, 51, 187, 214, 218-19, 234, 263-76

Master of Laws, 219, 276

Master's Diploma in Education, 234, 263-67

Mechanical Engineer, 199, 259

Metallurgical Engineer, 199, 258

Pharmaceutical Chemist, 49, 268

Special Diploma in Education, 263-68

Degrees conferred during 1914-15, 254-78

Honorary, 278; Table, 279

Degrees, Higher, Regulations for, 214-19

Delegates, Elected, to the University Council, 4

DEPARTMENTS AND DIVISIONS, 49

Statements of (in alphabetical order), 61-173

DEPARTMENTS OF STUDY, in alphabetical order, 61-173

Deposits for apparatus, etc., 52-53

Dermatology, Assistants in, 38, 90

Courses, 90

Design, Courses in Drawing and, 66, 67, 68

Design, Work in, abroad, 223

Deutscher Verein, 121

Deutsches Haus, Library, 56, 121

Diplomas conferred, 47-49; Table, 279

Diseases of Children, Assistants in, 38

DISEASES OF CHILDREN, DEPARTMENT OF,

91-92

Courses, 92; Post-graduate Instruction,

92; Teaching Staff, 91-92



Dissertation for degree of Doctor of Philosophy, 216-17  
 Distribution of Graduate Registration (table), 219  
 Divisional and departmental statements (in alphabetical order), 61-173  
 Divisions, 49; Announcements of, 49  
     *See* Departments and Divisions, 49  
 Doctors of Medicine, Courses for degree of, 196-97  
 Doctor of Pharmacy, Course for the degree of, 238  
 Doctor of Philosophy, Course for the degree of 215-16  
     Regulations, 215-18  
 Dormitories, 57-58  
 DRAFTING, DEPARTMENT OF, 49, 92-93;  
     Courses, 92-93  
     Teaching Staff, 92  
 Drawing and Design, Courses in, 66, 67, 68  
 Drawing, Entrance requirements in, 177  
 Drug, Food and, Course, 238  
 Earl Hall, 59; Secretary, 59  
 Earle Philological Library, 56, 89  
 ECONOMICS AND SOCIAL SCIENCE, DEPARTMENT OF, 49; 93-98, 211; Courses in  
     Political Economy and Finance, 93-96;  
     Summer Session, 95-96; Extension, 96;  
     Sociology and Statistics, 96-98; Summer  
     Session, 97; Extension 97, 98;  
     Equipment, 98; Library facilities, 98;  
     Teaching Staff, 93  
 Economics, *see* HISTORY, ECONOMICS, AND  
     PUBLIC LAW  
 Economy, Library, Courses in, 245  
 Economy, Political, Course in, 93-95  
 Economy, Social, Courses in, 97-98  
 Education, Commercial, Courses in, 93-95  
 Education, Committee of Trustees on, 2  
 EDUCATION, DIVISION OF (FACULTY OF  
     TEACHERS COLLEGE), 99-107, 156-57,  
     233-36; Admission, 235; Courses in  
     Educational Administration 99; Educational  
     Psychology, 101; Elementary  
     Education, 99-100; History of Education,  
     100; Household Arts Education, 104;  
     Kindergarten Education, 100;  
     Philosophy of Education, 100-101;  
     Physical Education, 156-57; Religious  
     Education, 101; Secondary Education,  
     102; Technical Education, 104; School  
     of Education, 234; School of Practical  
     Arts, 234-35  
 Education, Household Arts, Courses in,  
     104-05  
 Education, Industrial Arts, Courses in, 106,  
     170  
 Education, Nurses', Courses in, 105, 144  
 Educational Administration. Courses in, 99  
 Educational Library, 56, 233  
 Educational Museum, 234  
 Educational Psychology, Courses in, 101  
 Eggleston Mineralogical Museum, 140  
 Egyptian, Courses in, 148  
 Electives, *see under* Examination Subjects  
 Electives in Medicine, 196-97  
 Electrical Engineer, Courses for degree of,  
     206-07  
 ELECTRICAL ENGINEERING, DEPARTMENT OF,  
     48, 107-09, 199, 206-07; Courses in,  
     107-08; Summer Session, 108; Equip-  
     ment, 108-09; Extension, 108; Lab-  
     oratories and Museums, 108; Teaching  
     Staff, 107  
 Electro-Chemistry, Laboratory for Practical,  
     80  
 Elementary Education, Courses in, 81

Elementary School, Teachers College, 99-100  
 Emeritus Officers, 6-7  
 Employment for Students, Committees on, 53  
 Engineer of Mines, Courses for degree of,  
     201-02  
 ENGINEERING, DIVISION OF, 48  
 ENGINEERING, MECHANICAL, DEPARTMENT  
     OF, 48, 136-37, 207-8  
     Courses, 136-37, 207-8  
 ENGINEERING, SCHOOL OF, *see* SCHOOL OF  
     ENGINEERING  
 ENGINEERING DRAFTING, DEPARTMENT OF, 49  
 English, Advanced, Entrance requirements in,  
     178  
 ENGLISH AND COMPARATIVE LITERATURE,  
     DEPARTMENT OF, 49, 109-14; Courses,  
     109-14; Extension, 112-14; Summer  
     Session, 112; Teaching Staff, 109;  
     Undergraduate Course in Teachers Col-  
     lege, 103, 111-12  
 English, Courses in, 109-14; Entrance re-  
     quirements in, 178  
 English Composition, Courses in, 109, 110,  
     111, 112, 113  
 Entrance Requirements, 174-81; Applica-  
     tion for examination, 174; Committee  
     on Undergraduate Admissions, 174;  
     Definitions of requirements (in al-  
     phabetical order), 177-81; Examina-  
     tion fee 51; Examination subjects,  
     177-81; Examinations and records,  
     174-75; General Statements, 174; Re-  
     strictions governing credits for exami-  
     nations, 175; Schedule of Examina-  
     tions, 317-21; Subjects, 175-77; Sub-  
     mission of Note-books, Drawings, etc.,  
     174  
 Epigraphy, Courses in, 146  
 Essay for degree of Master of Arts, 218  
 Ethics, Courses in, 152, 153, 154  
 Ethnopic, Courses in, 147  
 Evening Courses, *see* Extension Courses  
 Evening Courses, Summer Session, 1914, 245  
 Examination, Application for, 174, 200  
     Fees, 51; Subjects, 175-77  
     State Examination Board, 175  
 Examinations for degree of Master of Arts,  
     218-19; of Mines, Engineering, and  
     Chemistry, 200-01  
 Examinations, Oral, for degree of Doctor of  
     Philosophy, 216  
 Examinations:  
     College Entrance Examination Board 174,  
     Committee on Undergraduate Admis-  
     sions, 175; Applications, 174; Defini-  
     tions of requirements, 177-81; Fees,  
     51; Restrictions governing credits,  
     175; Schedule, 317-21; Subjects, 175-  
     77; Submission of note-books, etc., 174  
 Exchange Professors, 105-06  
 Executive Committee, Barnard College,  
     Trustees, 2  
 Expenses, Student's probable, 53  
 Extension courses, *see* Courses under the  
     various departments  
 EXTENSION TEACHING, 4, 7, 42-43, 49, 250-53  
     Administrative Board, 7; Admission, 251  
     Announcements, 49; Courses, 250-51;  
     Fees, 251  
     General Statement, 250; Location of,  
     252  
     Officers of Instruction, 42-43; Registra-  
     tion, 251; Representative in Uni-  
     versity Council, 4; Students, 250  
     Table, 253  
 FACULTIES OF POLITICAL SCIENCE, PHILOSO-  
     PHY, AND PURE SCIENCE, 211-13

- FACULTY OF APPLIED SCIENCE, 199-200**  
Committee on Instruction, 199; Delegates to University Council, 4
- Faculty of Barnard College, 228; Delegates to University Council, 4**
- Faculty of Columbia College, 182; Delegates to University Council, 4**
- FACULTY OF EDUCATION, 48-49, 233**
- FACULTY OF LAW, 4, 7, 48, 186, 219**  
Courses of Study, 188; Delegates to University Council, 4; Master of Laws, 219
- FACULTY OF MEDICINE, 4, 7, 48, 189**  
Course of Studies, 196-97; Degree of M.D., 194-95, 196-97; Delegates to University Council, 4; Emeritus Professors, 7; Standing committees: Administration, Admissions, Scholarships, Students' Library, 189; *see also* COLLEGE OF PHYSICIANS AND SURGEONS
- FACULTY OF PHILOSOPHY, 4, 211-12, 214, 215-16, 217**  
Courses of Instruction, 212; Delegates to University Council, 4; Faculty, 211-12; General Statement, 212; Higher degrees, 214, 215-16, 217
- FACULTY OF POLITICAL SCIENCE, 4, 48, 49, 211, 214, 217, 219**  
Admission, 174; Courses of instruction, 211; Delegates to the University Council, 4; Faculty, 211; General statement, 211; Higher degrees, 215; Standing Committee on Instruction, 211; Subjects for higher degrees, 215
- FACULTY OF PRACTICAL ARTS, 49, 233**
- FACULTY OF PURE SCIENCE, 4, 48, 174, 212-213, 214, 216, 217**  
Admission, 174; Courses of instruction, 213; Delegates to the University Council, 4; Faculty, 212; General Statement, 213; Higher Degrees, 214, 216, 217; Program of Studies, 213; Standing Committee on Instruction, 213
- Faculty of Teachers College, 233; Delegates to University Council, 4**
- Fees, 51**
- Fellowships, 280-91, 296-99, 300, 301**  
Adams Research, 281; Awards, 288  
Alumni Association (P & S), 281; Awards, 297  
American Archaeology and Ethnology, 281; Awards, 296  
Barnard, 281-82; Awards, 296  
Carl Schurz, 285-86; Awards, 298  
Class of '70, 282; Awards, 297  
College of Physicians and Surgeons, 189-95; Awards, 300  
Columbia, in Architecture, 282; Awards, 301  
Curtis, George William, 282; Awards, 297  
Cutting Traveling, 282-83; Awards, 297  
Drisler, 283; Awards, 297  
Dubois, Abram, 283; Awards, 297  
Field, Francis E., —; Awards, 297  
Garth, 283; Awards, 297  
Gilder, R., 283-84; Awards, 297  
Goldschmidt, S. A., 284; Awards, 297  
Gottberger, 284; Awards, 297  
Graduate (Barnard), 281; Awards, 297  
Honorary (Teachers), 296  
Industrial Research in Chemistry, Awards, 298  
International School of American Archaeology, 281; Award, 296  
McKim, in Architecture, 284; Awards, 298  
Mitchell, Wm., 284; Awards, 298  
Mosenthal, 284-85; Awards, 298  
Perkins, 285; Awards, 298  
Plant, 285; Awards, 298  
Proudfit, in Letters, 285; Awards, 298  
Proudfit, in Medicine, 285; Awards, 298  
Research Advertising, Awards, 296  
Schiff Fellowship, 285; Awards, 298  
School of Architecture, 282, 284  
Schurz, 285-86; Awards, 298  
Special, 281-86; Awards, 303-04  
Tyndall, 286; Awards, 298  
University, 280-81; Awards, 296  
Fellowships, Scholarships, and Prizes, Awards, 280-304; General Regulations, 280; Barnard College, 281-82, 301; College of Physicians and Surgeons, 281; Columbia University, 280-86; School of Architecture, 282, 284, 289; Awards, —, 301; Teachers College, 302; Schools of Mines, Engineering, and Chemistry, 199, 287, 288; Awards, 296-300
- Finance, Committee on, 1**
- Finance, Courses in, 93-95, 250**
- FINE ARTS, 65-68, 103**  
Courses, 65-68, 103, 222
- Food and Drug Course, 238**
- Food Economics, Courses in, 104**
- Foods and Cookery, Courses in, 104**  
Entrance Requirements in, 180
- Foreign Correspondents, Teachers College, Foreign Research Fund (Teachers College),**
- Fraternities, Greek-Letter, 60**
- French, Courses in, 165-66, 167-68**
- French, Evening classes in, 167-68**
- French Hospital, Clinic at, 191-92**
- French Societies, 170**
- General Memorial Hospital, 191-92**
- General Statement, 44; Announcements, 49; Departments and Divisions, 49; Historical, 44; Organization, 46-47; Schools and Colleges, 47**  
Barnard College, 46, 228-32  
College of Pharmacy, 49  
College of Physicians, 48  
Columbia College, 182-85  
Extension Teaching, 49  
Faculty of Philosophy, 48  
Faculty of Political Science, 48, 211  
Faculty of Pure Science, 48, 212  
Graduate Faculties, 48  
President, The, 46-47  
School of Architecture, 48  
School of Journalism, 48  
School of Law, 48, 186-89  
School of Mines, 48, 198-210  
School of Music, 142-43  
Schools of Engineering and Chemistry, 48, 198-210  
Summer Session, 49, 245  
Teachers College, 48-49, 233-34  
University, The, 44-49; University Council, 4
- GENERAL THEOLOGICAL SEMINARY, 4, 55, 164, 184-85**  
Courses in, 164; Representative on the University Council, 4; Options, 184-85  
Geodesy, 68-69; Fee in Summer Course in, 52
- GEOGRAPHY, DEPARTMENT OF, 103**  
Courses, 103; Summer Session, —; Equipment, —; Teaching Staff, 103
- GEOLOGY, DEPARTMENT OF, 114-16**  
Courses, 114-16; Extension, 116; Summer Session, 116; Equipment, 116; Teaching staff, 114
- GEOLOGY, GEOGRAPHY, AND MINERALOGY, DIVISION OF, 49**

George Crocker Special Research Fund,  
Managers of, 8  
German, Courses in, 116  
German dissertations, 56  
German Hospital, 163, 171, 191-92; Clinical  
clerkship at, 193  
GERMANIC LANGUAGES AND LITERATURES,  
DEPARTMENT OF, 49, 116-21, 285-86,  
298  
Courses: Dutch, 119; German, 117-18;  
Extension, 120; Summer Session, Ger-  
manic Philology, 119; Germanic Sem-  
inar, 119; Gothic, 119; Scandinavian,  
118; Deutscher Verein, 121; Deutsches  
Haus, 121; Equipment, 120-21; Fel-  
lowship, 286; Awards, 298; Germanic  
Club, 121; Library, 120-21; Teaching  
Staff, 116-17  
Germanic Philology, Courses in, 119  
Gies's Library, 71  
Gothic, Course in, 119  
Grades, credit and reports, 183-84  
Graduate courses in Architecture, 221-24;  
Mining, 140-41; Pharmacy, 150, 238  
Graduate faculties, 48-49  
Graduate Scholarships (Teachers College),  
302  
Graduation, Requirements for, 83, 182  
College of Physicians and Surgeons, 195  
Graduation Thesis, 83  
Greek, Courses in, 85-89  
Greek-Letter Fraternities, 60  
Gymnasium, 157; Lockers and dressing-  
rooms, 157; Medical Director, 6, 157;  
Swimming Pool, 157  
Gynecology, Assistants in, 37, 121-22  
GYNECOLOGY, DEPARTMENT OF, 121-22  
  
HEALTH, DEPARTMENT OF NURSING AND, 144  
Health and Sanitary Officers, 59  
Hebrew, Courses in, 146  
Hewitt Lecturers, 307  
High School, Teachers College, 40  
Highway Engineering, Courses in, 83  
HIGHWAY ENGINEERING, DEPARTMENT OF,  
49, 83  
Historical Statement, School of Medicine,  
189-90  
Historical Statement, University, 44  
HISTORY, ECONOMICS, AND PUBLIC LAW,  
DIVISION OF (FACULTY OF POLITICAL  
SCIENCE), 48, 49, 211  
HISTORY AND POLITICS, DEPARTMENT OF, 49,  
122-27, 211  
Courses, 122-27; Extension, 127; Sum-  
mer Session, 126-27; Equipment, 128;  
Special Library, 128; Teaching Staff,  
122  
*History of Columbia University*, 44  
History of Education, Courses in, 100  
Honor sequences, 184  
Honor subjects, 184  
Honorary degrees conferred in 1914-15, 278  
Honors, Award of (1915), 302  
Honors, Barnard College, 301-02; Awards, 302  
Honors, Committee of Trustees on, 1  
Honors, Degree with, 183-84  
Honors, Final examination for, 184  
Horace Mann Schools, 236, 234; Chemistry,  
Classes of, 79; Circulars, 313  
Hospital Administration, Courses in, 143-44  
Hospital Clinics, 191-92; Courses in, 191-93  
Hospital for Ruptured and Crippled, 192  
Hospitals, 55; Clinical Clerkship at, 193;  
Clinics at the, 191-92, 193  
Household Administration, Courses in, 104  
Household and Industrial Arts Scholarships,  
302; Awards, 303

Household Arts, Courses in, 104-05  
HOUSEHOLD ARTS, SCHOOL OF, 104  
Entrance Examinations in, 180  
Household Chemistry, Courses in, 104  
Household Education, Courses in, 104  
Hygiene, Courses in, 105  
HYGIENE AND PREVENTIVE MEDICINE, DE-  
PARTMENT OF  
Courses in, 105, 128  
  
Icelandic, Courses in, 118-19  
INDO-IRANIAN LANGUAGES, DEPARTMENT OF,  
49, 145  
Courses in Armenian, 145; Avestan, 145;  
Pahlavi, 145; Pali, 145; Persian, 145;  
Sanskrit, 145; Science of Language,  
146; Turkish, 146; Teaching Staff, 144  
INDUSTRIAL ARTS, SCHOOL OF, 106, 133, 170  
Courses, 106, 133, 170; Summer Session,  
106  
Industrial Arts Education, Courses in, 106,  
133, 170  
Industrial Chemistry, Laboratory of, 81  
Industrial History, Entrance requirements  
in, 179  
Industrial Mathematics, Courses in, 106  
Institute of Arts and Sciences, 252  
Institutional Administration, Courses in, 99  
Institutions, other, Relations with, 54-55  
Instruction, Officers of, 10-43  
Extension Teaching, 42-43  
Summer Session, 41-42  
Instruction and Research in Agriculture,  
Administrative Board on, 7  
Instructors, 10-43  
International Law, Courses in, 131-32  
International School of American Archaeology  
Fellowship, 281; Awards, 296  
Italian, Courses in, 166, 168, 169  
  
Jesup Lecturers, 308  
JOURNALISM, DIVISION OF, 49  
JOURNALISM, SCHOOL OF, *see* SCHOOL OF  
JOURNALISM  
Jurisprudence, Comparative, Courses in,  
130-32  
  
Kaiser Wilhelm Professorship, 54  
Incumbents, 305-06  
Keys to desks and lockers, Deposits for, 53  
Kindergarten Education, Courses in, 100  
Horace Mann Kindergarten, 234  
  
Laboratories, *see under* Equipment in the  
various Departments  
Laboratory and other special fees and de-  
posits, 53  
Languages, Science of, Courses in, 146  
Languages, *see* Ancient, Oriental, Modern  
Laryngology, Assistants in, 90  
Laryngology, Courses in, 91  
Latin, Courses in, 85-87, 89, 106  
Law, Administrative, Courses in, 130-31  
Law, Constitutional, Courses in, 129-30, 131  
Law, International, Courses in, 130-31  
LAW, MUNICIPAL OR PRIVATE, DEPARTMENT  
OF, 129-30  
Courses, 129-30; Summer, 130; Teach-  
ing Staff, 129  
LAW, PUBLIC AND COMPARATIVE JURISPRU-  
DENCE, DEPARTMENT OF, *see* PUBLIC  
LAW  
Law, Public, Courses in, 130-32  
LAW, SCHOOL OF, *see* SCHOOL OF LAW  
Law Library, 56; Collections in, 132, 187  
Lectures, Law, 133  
Lecturers and other Special Officers of In-  
struction, 33-34

- Lectureships, Stated, 307-08  
 Librarians, Assistant, 6  
 Library, Paleobotanical, 116  
 Library, The, 56; Catalogues, 57; Collections, 56; Committee on, 8; Department Libraries, 56; German, 120-21; Reader's Manual, 57; Reading rooms, 56-57; Use, 57  
 Library Economy, Courses in, 245  
 Library of History and Political Science, Special, 128  
 Lincoln Hospital, Clinics at, 192  
 LITERATURE, ENGLISH AND COMPARATIVE, DEPARTMENT OF, 49, 109-14  
 Literature, *see* Ancient, Modern, and Oriental  
 Living accommodations, 57-58  
 Loan Funds, 291  
 Maison Française, 170  
 Managers of Sloane Hospital for Women, 8  
 Managers of the George Crocker Special Research Fund, 8  
 Managers of Vanderbilt Clinic, 8  
 MANUAL TRAINING, DEPARTMENT OF, 106, 170  
   Courses in, 106, 170; Marcellus Hartley Fund, 160; Marcus Daly Scholarship in Mining Engineering, 288; Awards, 300  
 Master of Arts, Courses for degree of, 218-19; Regulations, 218-19; *see also* Degrees  
 Master of Laws, Regulations for degree of, 219  
 Master's Diploma in Education conferred in 1914-15, 263-65  
 MATHEMATICAL AND PHYSICAL SCIENCE, DIVISION OF, 49  
 Mathematical Physics, 158-60  
 Mathematical Reading room, 135  
 MATHEMATICS, DEPARTMENT OF, 49, 133-36, 180  
   Courses, 133-35; Extension, 135; Summer Session, 134; Equipment, 135-36; Laboratory and Model room, 135; Libraries, 135-36; Reading room, 135; Seminar, 134; Teaching Staff, 133  
 Mathematics, Industrial, Courses in, 106  
 Matriculated students, 50, 185, 250  
   Tuition fees of, 51, 251  
 Mechanical Engineer, Courses for degree of, 207-08  
 MECHANICAL ENGINEERING, DEPARTMENT OF, 49, 136-37, 207-08  
   Courses, 136-37; Equipment, 137; Method of study, 204; Teaching Staff, 136  
 Mechanics, 158-60  
 Medical Attendance, 59  
 Medical Director of Gymnasium, 6, 157  
 Medical Student Certificate of the Regents, 193  
 Medical Visitor, 59  
 Medicine, Assistants in, 37  
 MEDICINE, DIVISION OF (COLLEGE OF PHYSICIANS AND SURGEONS, q. v.), 48  
 MEDICINE, PRACTICE OF, DEPARTMENT OF, *see* PRACTICE OF MEDICINE  
 MEDICINE, PREVENTIVE, DEPARTMENT OF, 128  
 MEDICINE, SCHOOL OF, *see* COLLEGE OF PHYSICIANS AND SURGEONS  
 Metal-working, Courses in, 106  
 Metallurgical Collection, 138  
 Metallurgical Engineer, Courses for the degree of, 203  
 Metallurgical Engineering, Courses in, 203  
 METALLURGY, DEPARTMENT OF, 49, 137-39  
   Courses, 137-38; Equipment, 138-39; Excursions, 138; Teaching Staff, 136  
 METALLURGY AND MINING, DIVISION OF, 49, 139-40  
 MINERALOGY, DEPARTMENT OF, 49, 139-40  
   Courses, 139-40; Summer Session, 140; Equipment, 140; Museum, 140; Teaching Staff, 139  
 MINES, SCHOOL OF, *see* SCHOOL OF MINES  
 MINING, DEPARTMENT OF, 49, 140-42  
   Courses, 140-41; Graduate Courses, 141; Summer Session, 141; Equipment, 141-42; Laboratories, Lecture illustrations, Library Mines and dressing works, Museum, 141-42; Teaching Staff, 140  
 Mining, Summer Class in, 141  
 MODERN LANGUAGES AND LITERATURES, DIVISION OF, 49  
 Mt. Sinai Hospital, 192; Clinical Clerkship at, 193  
 Municipal Nursing, Courses in, 144  
 MUNICIPAL OR PRIVATE LAW, DEPARTMENT OF, 49, 129-30  
   Courses in, 129-30; Summer Session, 130  
   Library facilities, 132; Teaching Staff, 129  
 Museums, *see* under Equipment in the various Departments  
 MUSIC, DEPARTMENT OF, 49, 142-43  
   Courses, 142-43; Examination subjects, 179; Extension, 142-43; Summer Session, 142; Concerts and Recitals, 143; Equipment, 143; Teaching Staff, 142  
 NATURE STUDY, DEPARTMENT OF, 143  
   Courses, 143  
 Neurology, Assistants in, 37, 143  
 NEUROLOGY, DEPARTMENT OF, 143-44  
   Courses, 143-44; Teaching Staff, 143  
 New York Eye and Ear Infirmary, 192  
   Clinics at, 192  
 New York Hospital, Clinical Clerkship at, 193  
 New York Ophthalmic and Aural Institute, Clinics at, 192  
 New York State Examination Board, 175  
 Non-matriculated students:  
   Barnard College, 230  
   Columbia College, 182  
   Extension Teaching, 250  
   Faculty of Philosophy, 212  
   Faculty of Political Science, 211  
   Faculty of Pure Science, 214  
   School of Architecture, 220  
   School of Journalism, 225  
   School of Law, 187  
   Schools of Mines, Engineering, and Chemistry, 199  
   Special Courses, 199; Tuition fees, 51  
 Note-books, Submission of, 174  
 Nurses' Education, Courses in, 105  
 Nursing, Courses in, 105, 144  
 Nursing, Municipal, Courses in, 144  
 Nursing, School, Courses in, 105, 144  
 NURSING AND HEALTH, DEPARTMENT OF, 105, 144  
 Nutrition, Courses in, 70, 144  
 OBSTETRICS, DEPARTMENT OF, 144  
   Courses 144; Teaching Staff, 144  
 Officers of Administration, 5-9; Emeritus, 6-7  
 Officers of Instruction, 10-43; Extension Teaching, 42-43; Summer Session, 41-42  
 Ophthalmology, Assistants in, 37, 90  
   Courses in, 91  
 Optics, Practical, Two Years' course in, 251  
 Options in the Professional Schools, 184-85; for Barnard College Students, 231  
 Oral examinations for degree of Doctor of Philosophy, 215  
 Organic Chemistry, Course in, 76

- Organization, 47-49; of Departments and Divisions, 49  
 Schools and Faculties, 47-49  
 Oriental History, Courses in, 144-48  
 ORIENTAL LANGUAGES AND LITERATURES, DIVISION OF, 49, 144  
 Orthopaedic Surgery, Assistants in, 37, 90  
 Courses in, 91  
 Otology, Assistants in, 38, 90; Courses in, 91  
 Pahlavi, Courses in, 145  
 Paleobotany, Courses in, 116; Library, 116  
 Pali, Courses in, 145  
 Pathological Chemistry, Courses in, 70; Laboratory of, 71  
 PATHOLOGY, DEPARTMENT OF, 53, Courses, 148-49; Equipment, 149; Museum, 149; Teaching Staff, 148  
 Persian, Courses in, 145  
 PHARMACY, DIVISION OF (COLLEGE OF PHARMACY), Courses: College course, 150, 298; Food and Drug Course, 240; Junior year, 150; Senior year, 150-51; Graduate courses, 238; University Course, 237; Teaching Staff, 237; *see also* COLLEGE OF PHARMACY  
 Philology, Germanic, Courses in, 119  
 Philosophy, Faculty of, 48  
 Philosophy, Political, Courses in, 126  
 PHILOSOPHY AND PSYCHOLOGY, DEPARTMENT OF, 49, 152-56, 174  
 Admission, 174; Conference, 152; Courses in Philosophy, 152-54; Extension, 154; Summer Session, 153-54; in Psychology, 154-55; Extension, 155; Summer Session, 155; Equipment, 155-56; Library facilities, 155-56; Psychological Laboratory, 156; Teaching Staff, 152  
 PHILOSOPHY, PSYCHOLOGY, AND ANTHROPOLOGY, DIVISION OF, 49  
 Philosophy of Education, Courses in, 100-01  
 Photography, Courses in, 106  
 PHYSICAL EDUCATION, DEPARTMENT OF, 49, 156-57  
 Courses, 106-07, 156; Teachers College, 106-07; Equipment, 157; Teaching Staff, 156  
 PHYSICAL EDUCATION, DIVISION OF, 49  
 PHYSICAL SCIENCE, DIVISION OF MATHEMATICAL AND, 49  
 Physical Training, Teachers College, 106-07  
 PHYSICS, DEPARTMENT OF, 49, 157-61  
 Courses, 158-60; at Barnard College, 159; at Teachers College, 159; Extension, 160; Summer Session, 159-60; Equipment, 160-61; Teaching Staff, 157-58  
 Physics, Experimental, 158  
 Physiological Chemistry, Courses in, 70  
 PSYCHOLOGY, DEPARTMENT OF, 49, 161-62  
 Courses, 161; Summer Session, 161; Equipment, 162; Instruction, 196-98; Journal Club, 161; Library, 162; Research, 162; Teaching Staff, 161  
 Political Economy, Courses in, 93-95  
 Political Philosophy, Courses in, 125-27  
 Political Science, Faculty of, 48, 211  
 Politics, Courses in, 130-31, 211  
 PRACTICAL ARTS, FACULTY OF, *see* SCHOOL OF, and TEACHERS COLLEGE  
 Practical Optics, Course in, 251  
 PRACTICE OF MEDICINE, DEPARTMENT OF, 162-64  
 Courses, 162-164; Teaching Staff, 162  
 Presbyterian Hospital, 190, 192; Alliance with, 190; Clinical clerkship at, 193  
 PRESIDENT, THE, 5  
 Preventive Medicine, Provisional course in, 128  
 PRIVATE LAW, DIVISION OF (FACULTY OF LAW), 49, 129-30, 186-87  
 Courses in, 129-30; Summer Session, 130; Library facilities, 187; Teaching Staff, 129  
 Prizes:  
 Alumni Association (College of P. & S.), 291; Awards, 303  
 Alumni Association (Columbia College), 291; Awards, 303  
 Barnard College, 291; Awards, 303  
 Bennett, 291-92; Awards, 304  
 Cartwright, 292; Awards, 303  
 Chandler Historical, 292; Awards, 304  
 College of Pharmacy, Awards, 303  
 College of Physicians and Surgeons, 291; Awards, 303  
 Colonial Dames, 303; Awards, 303  
 Columbia College, 291; Awards, 303  
 Convers, 292; Awards, 304  
 Darling, 293; Awards, 304  
 Earle, in Classics, 293; Awards, 304  
 Einstein, 293; Awards, 304  
 Elsberg, 293; Awards, 304  
 Faculty Graduate (Pharmacy), Awards, 303  
 General Theological Seminary, Awards, 303  
 Herman Botanical, Awards, 304  
 Kohn Mathematical, —; Awards, 304  
 Loubat, Awards, 304  
 New Jersey Alumni Association, —; Awards, 304  
 Ordronaux, in Law, 294; Awards, 304  
 Philolexian Awards, 304  
 Rolker, Charles M., Jr., 294; Awards, 304  
 School of Law, 292; Awards, 302  
 Schools of Mines, Engineering, and Chemistry, 292  
 Seminary English, 294  
 Seminary Greek, 294  
 Smith, Joseph Mather, 294  
 Society for Promoting Religion and Learning, 294  
 Speranza in Italian, Award, 304  
 Squires, Grant, 294; Awards, 304  
 Stevens triennial, 294-95  
 Stokes, 295; Awards, 304  
 Toppan, 295; Awards, 304  
 Van Amringe Mathematical, 295; Awards, 304  
 Van Buren, John Dash, Jr., in Mathematics, 295; Awards, 304  
 Professors, 10-24; Clinical, 25  
 Professors, Exchange, 305-06  
 Pro-seminars, *see* Departments  
 Psychological Laboratory, 156  
 PSYCHOLOGY, DEPARTMENT OF PHILOSOPHY AND, Courses, 49, 152-56  
 Psychology, Educational, Courses in, 100  
 PUBLIC LAW AND COMPARATIVE JURISPRUDENCE, DEPARTMENT OF, 49, 130-33  
 Courses, 130-32; Equipment, 132; Comparative Jurisprudence, 132; International Law, 132; Public Law, 131; Roman Law, 132; Summer Session, 131; Library, facilities, 132; Public lectures, 133; Teaching Staff, 130  
 Public worship, 59  
 Pure Science, Faculty of, 48, 212  
 Queen Wilhelmina Lecturer, 55  
 Rabbinical Hebrew, Courses in, 146  
 Regents' Examination, 174

- Regents Medical Student Certificate, 193  
 Register of Students (321 *et seq.*):  
   Barnard College,  
   College of Pharmacy,  
   College of Physicians and Surgeons,  
   Columbia College,  
   Faculties of Political Science, Philosophy,  
   and Pure Science,  
   School of Architecture,  
   School of Law,  
   School of Music,  
   Schools of Mines, Engineering, and  
   Chemistry,  
   Teachers College,  
 Registration, 50; Summer Session of, 245  
 Regulations, Fellowships, Scholarships, etc.,  
   250  
 Regulations, General, 50-60  
 Regulations, Higher Degrees, 214-19  
 Relations with other Institutions, 54-55  
 RELIGION, DEPARTMENT OF, 164  
   Courses, 164  
 Reports, Grades, Credits and, 184-85  
 Requirements, Entrance, 174-81; Definition  
   of, in Alphabetical order, 177-81  
   *See also* Admission  
 Research. *See* this sub-heading under De-  
   partment  
 Residence Halls, 57-58  
 Rhetoric and English Composition, Courses  
   in, 109, 110, 111, 112, 113  
 Roman Law, Courses in, 132  
 ROMANCE LANGUAGES AND LITERATURES,  
   DEPARTMENT OF, 49, 165-70; Courses  
   in French, 165-66, 169; Extension,  
   168-69; Summer Session, 167-68;  
   Italian, 166, 169; Extension, 169;  
   Summer Session, 168; Romance  
   Philology, 167; Summer Session, 168;  
   Spanish, 166-67; Extension, 169;  
   Summer Session, 168; Cooperation  
   with the Alliance Française, 170;  
   Equipment, 170; French Societies, 170;  
   Library, 170; Romance Club, 170;  
   Spoken languages, 169-70; Teaching  
   Staff, 165  
 Romance Philology, Courses in, 167, 168  
 Roosevelt Professorship, *see* Theodore Roose-  
   velt Professorship  
 Rules governing student, Schools of Mines,  
   Engineering, and Chemistry, 200-01  
  
 St. Luke's Hospital, Clinics at, 192  
   Clinical Clerkship at, 193  
   Pathological laboratories, 71  
 St. Paul's Chapel, 59  
 Sanitary Chemistry, Courses in, 77  
 Sanitary Engineering, Courses in, 83, 199,  
   205, 206  
 Sanskrit, Courses in, 145  
 Scandinavian, Courses in, 118-19  
 Scholarship, Annual Foundation of, 287  
 Scholarships, 280, 287, 286; Awards, 299-  
   300, 301-03  
   Aldrich, 287  
   Alonzo Clark, 288; Awards, 300  
   Alumni Association, 287; Awards, 300  
   Alumni Competitive, 287; Awards, 300  
   Annual, 290  
   Army and Navy, Awards, 302  
   Barnard, Anna E., Awards,—  
   Barnard College, 291; Awards, 301-2  
   Beck (College), 287  
   Beck prize, 287; Awards, 303  
   Benefactors, 287  
   Blumenthal, George, Jr., 287-88  
   Brooklyn (Columbia College) 288;  
   Awards, 299-300  
   Burgess, 288  
   Butler, Richard, 288  
   Campbell, Caroline, 288; Awards,  
   Chinese,—  
   Clark, Alonzo, 288; Awards, 300  
   Class of '85, 288  
   Class of 1848, 288  
   College of Physicians and Surgeons, 288  
   Columbia College, 280-81; Awards, 300  
   Competitive (Barnard College),  
   Awards, 301-2  
   Competitive (Columbia College), 287;  
   Awards, 300  
   Curtis University, 287; Awards, 299  
   Cutting, 287; Awards, 296  
   Daly, Marcus, 288; Awards, 300  
   Devendorf, 288-89; Awards, 300  
   Earle, 293  
   Faculty, 289  
   Fiske, Martha T., Awards, 301  
   General, 300-01  
   Graduate (Teachers), Awards, 302  
   Graham School, Awards,—  
   Harper, 289; Awards, 300  
   Harsen, 289  
   Hewitt, 289; Awards, 300  
   Hoadley, Awards, 302  
   Jones, John D., 289; Awards, 299  
   Kaufman, Jessie, Awards, 301  
   Kinnicut, Awards, 301  
   Livingston, Awards, 303  
   Low, 288  
   McClymonde, Louis K., 289-90  
   McLean, Awards,—  
   Marcus Daly, in Mining Engineering,  
   288; Awards, 300  
   Moffat, 290; Awards,  
   Moir, William, Awards, 301  
   Morgan, 287; Awards,—  
   Parish, 287; Awards,—  
   Pierrepoint, Awards,—  
   Pond, Awards, 302—  
   Pope, Awards,—  
   Practical Arts, Awards, 302  
   President's University, 286-87; Awards,  
   299  
   Pulitzer, 290  
   Pulitzer, Lucile, Awards, 301  
   Research (Teachers), Awards, 302  
   Robb, Awards,—  
   Runyan, Awards, 302  
   Scandinavian, 289; Awards, 300  
   Schackelford, Awards, 302  
   Schermerhorn, 290  
   Schiff, 287  
   School of Law, 287-89; Awards, 303  
   Schools of Mines Engineering, and  
   Chemistry, 288; Awards, 300  
   Sloan, 287  
   Society for Promoting Religion and  
   Learning, 290  
   Special, 287-90; Awards, 300  
   Stuart, 290  
   Students Scholarships (Barnard College),  
   —; Awards, 301-02  
   Teachers College, Awards, 302  
   Tilston, Awards, 302  
   Tillotson, Awards, 301  
   Trustees' Competitive, Awards, 301  
   University, 286-87; Awards, 299  
   University for Women, 286-87; Awards,  
   299  
   Vanderbilt, 287, 290  
   William Moir, Awards, 301  
   Williams, Awards, 302  
 Scholarships and Prizes in Columbia College,  
   *see* under Scholarships, and Prizes  
 School Nursing, Courses in, 104, 144

SCHOOL OF ARCHITECTURE, 174, 186, 220-23, 231  
 Admission, 174; Building and Equipment, 220-21; Courses: for Certificate in Architecture, 222-23; for degree of Bachelor of Architecture, 222-23; Combined course, 222: Electives, Examination subjects, 177-81; Faculty, 65; Fees, 51; General statement, 220; Higher degrees, 223; Options, 185, 233; Program of studies, 222; Fellowships, 282; Awards, 303  
 SCHOOL OF CHEMISTRY, 48, 198-201  
 SCHOOL OF EDUCATION, *see* TEACHERS COLLEGE  
 SCHOOL OF ENGINEERING, 48, 198-201  
 SCHOOL OF HOUSEHOLD ARTS, 104, 144  
 SCHOOL OF INDUSTRIAL ARTS, 106  
 Courses, 106  
 SCHOOL OF JOURNALISM, 7, 9, 48, 51, 128-29, 225-27  
 Administrative Board, 7; Admission, 225, 227; Advisory Board, 9; Building and Equipment, 129, 225; Courses, 128; Entrance requirements, 176; Fees, 51; Foreign language test, 225; Library, 129; Program of studies for degree, 226-27; Register of students, Registration, Scholarships, and Prizes, 287-95; Stenography and Typewriting, 227; Women, 227  
 SCHOOL OF LAW, 48, 186-87  
 Admission, 174, 185, 186; Course of studies, 129-32, 188; Degree of Bachelor of Laws, 187; Examinations, 187; Faculty, 186; Delegates to the University Council, 4; Fees, 51; Law Library, 187; Options, 185; Program of studies, 188; Purpose of the School, 186; Register of students, Requirements for admission, 186; Scholarships and prizes, 287, 289; Special courses, 130; Teaching Staff, 129  
 SCHOOL OF MEDICINE. *See* COLLEGE OF PHYSICIANS AND SURGEONS  
 SCHOOL OF MINES. *See* SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY, and MINING, DEPARTMENT OF  
 School of Philanthropy, 96-98  
 SCHOOL OF POLITICAL SCIENCE. *See* FACULTY OF POLITICAL SCIENCE  
 SCHOOL OF PRACTICAL ARTS, 49, 236-38  
 Admission, 237; Courses in, 237; Degrees and Certificates, 237-38; Examination subjects, 174, 177-81; Program of Studies, 237; Register of Students, 322  
 Schools and Faculties, 47-49  
 SCHOOLS OF ENGINEERING AND CHEMISTRY, *See* SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY  
 SCHOOLS OF MINES, ENGINEERING, AND CHEMISTRY, 48, 51, 53, 193-212  
 Admission, 199; Advanced Standing, 198-99; Courses, 201-10; leading to degrees of Chemical Engineer, 208-10; Chemist, 210-11; Civil Engineer, 204; Electrical Engineer, 206-07; Engineer of Mines, 201-02; Mechanical Engineer, 207-08; Metallurgical Engineer, 203; Sanitary Engineer, 205-06; Curriculum, 198-99; Equipment and Collections, 201; Examination Subjects, 201-01; Examinations, 200-01; Faculty, 198; Fees, 51, 52-53, 200, 201; Fellowships and Scholarships, 256, 288; Laboratories, 201; Memoirs, 201; Options, 201; Prizes, 292, 293;

Probation, 200-01; Register of Students, Rules governing students, 200-01; Sanitary Engineering, 205-06; Scholarships and Prizes, 288, 292, 293; Standing Committee on Instruction, 198; Summer Work, 201  
 Science of Languages, Courses in, 146  
 Secondary Education, Courses in, 102  
 Secretary, Courses for position of, 250  
 Secretary of Earl Hall, 59  
 Secretary of Women Graduate students, 6  
 Seminars, 61; Biochemical, 71; Botany, 73; Chinese, 145; Classical, 88; Education, 103; English, 111, 112, Ethnology, French, 166; German, Highway Engineering, 84; History and Political Philosophy, 125, 126, 127; Indo-Iranian, 145; Law, 131, 132; Philosophy of Education, 101; Political Economy, 94-95; Psychology, 101; Public Law, 131; Romance Philology, 167; Sociology, 97; Zoology,  
 SEMITIC LANGUAGES, DEPARTMENT OF, 146-48  
 Courses in Arabic, 147; Assyrian, 147; Biblical Hebrew, 146; Egyptian, 148; Epigraphy, 146; Ethiopic, 147; Oriental History, 147; Rabbinical Hebrew, 146; Semitic Seminar, 148; Syriac, 147; at Union Theological Seminary, 148; Teaching Staff, 144  
 Semitic seminar, Courses in, 148  
 SLOANE HOSPITAL FOR WOMEN, 191-92  
 Managers, 8  
 SOCIAL ECONOMY, DEPARTMENT OF, 49, 97-98  
 Courses, 97-98  
 Social Science. *See* ECONOMICAL AND SOCIAL SCIENCE, DEPARTMENT OF  
 Société Française de Barnard College, 170  
 Société Française de l'Université Columbia, 170  
 Society of Beaux Arts, Architects,  
 SOCIOLOGY AND STATISTICS, DEPARTMENT OF, 49, 96-98, 211  
 Courses, 96-98  
 Spanish, Courses in, 166-67, 168, 169, 170  
 Special Officers of Instruction, 33-37  
 Standing Committee of Trustees, 1  
 Standing of Students, 183-85, 186, 193-95, 200-01, 225, 231, 237; Advanced, 186, 225, 231, 237; High, 183-85; Probational, 200-01, 231;  
 Required of Honor men, 183-84  
 State Examination Board, Examinations, 175  
 STATISTICS, DEPARTMENT OF SOCIOLOGY AND, 49, 96-98  
 Courses, 96-98  
 Student Organizations, 60; Comptroller of, 6  
 University Committee on, 8  
 Student Publications, 315-16  
 Student Representatives, Board of, 60  
 Students, Committee on Employment for, 53  
 Students, Expenses of, 51, 53  
 Students, Free Medical advice for, 53  
 Subjects, Examination, 177-81  
 Subjects of study. *see* COURSES OF STUDY  
 Submission of Note-books, Drawings, etc., 174  
 Summer Courses. *See* under Departmental Statements  
 SUMMER SESSION, 4, 7, 41-42, 51, 245-49  
 Administrative Board, 7; Announcements, 245; Attendance at courses (Table), 248; Courses, 245; Fees, 51; General statement, 245; Officers of Instruction, 41-42; Residence (Table),

- 246-47; Registration Session of 1915, 246; Representative in University Council, 4
- Summer Session Courses. *See also* Courses, and under the various Departments
- Surgery, Assistants in, 37, 171
- SURGERY, DEPARTMENT OF, 170-71, 196-97
- Courses, 171; Hospital clinics, 192
- Teaching Staff, 170-71
- Surgery, Orthopedic, Assistants in, 37, 90
- Surveying, Fees for Summer Courses in, 52
- Summer Course, 53
- Syriac, Courses in, 147
- Tables:**
- Comparative Registration, 10 years; Degrees and Diplomas granted, 279; Distribution of graduate registration, 219; Extension teaching, 263; Registration, 1914-15, 244; Residence, 242-43; Summary of graduate registration, 219; Summer Session attendance, 248-49; Summer Session residence, 246-47
- TEACHERS COLLEGE, 2, 4, 5, 6, 38-41, 48-49, 50, 51, 56, 235-38, 280, 287, 295, 302-03, 304, 316
- Admission, 176-77, 236-37; Buildings and Equipment, 235-36; Candidates for Bachelor's Degree and Diploma, 237-38; Doctor's Degree and Diploma, 236, 261; Master's Degree and Diploma, 236, 276; Courses, 99-107, 143, 144, 157; Degrees conferred, 260-68; Faculties, 233; Delegates to University Council, 4; Dormitory, 58; Educational Museum, 233-34; Fees, 51; Fellowships, 280, 281; Awards, 302-03; General Statements, 233-34; Graduate students, 236; High School, 40; Horace Mann Schools, 234; Elementary School, 40-41; Kindergarten, 234; Speyer School, 234; Officers of Administration, 5, 6; Junior Officers, 38-39; Physical Education, Course in, 156-57; Physics, Courses, 159; Laboratories, 161; Library, 56; Physiology, 107; Prizes, 295; Awards, 304; Publications, 314; Register of students, Registrar's office, 50; Scholarships, 287; Awards, 302-03; School of Education, 234; of Practical Arts, 234-35; Special Fees, 51; Summer Session, 41-42; Trustees, 1; Zoology, 102
- Teachers College Schools, *see* TEACHERS COLLEGE
- Teaching Staff, Members of Faculties and, 110-43
- Technical Certificate in Practical Arts, 235-36
- Technical Courses, Evening, 104
- Technical Education, Courses in, 104-07
- Textiles and Clothing, Courses in, 104
- Textiles and Sewing, Entrance Examination in, 180
- Theodore Roosevelt Professorship, 315
- Incumbents, 315
- Therapeutics, Applied, Assistants in, 38
- Toxicological Chemistry, Courses in, 151
- Treasurer, 1
- TRUSTEES, 1, 46-47; Clerk, 1; Standing Committee, 1
- Committee on Building and Grounds, 1; Education, 1; Honors, 1; Finance, 1
- The Library, 1; Treasurer, 1
- Trustees, Competitive Scholarship (Barnard College), Awards, 301
- Tuition, 51-52
- Turkish, Courses in, 146
- Undergraduate courses in English in Teachers College, 111-12
- Undergraduate entrance requirements, *see* Entrance requirements
- Undergraduate Scholarship (Teachers) Awards, 302
- Union Theological Seminary, 4, 55, 164
- Course in Church History, 124-25; Ethics, 155; Hebrew at, 146; Philosophy of Religion, 153-54; Psychology of Religion, 154-55; Representative in University Council, 4; Options in, 185
- University Biological Lectures, 173
- University Chorus, 143
- University Committee on Student Organizations, 8, 60; on Admissions, 175
- Barnard members, 230-31
- University Commons, 57
- University Council, 4; Executive Committee, 215; Fellowships awarded by the, 280; Functions of the, 46-47; Scholarships awarded by, 286
- University dormitories, 57-58
- University Fee, 51-52
- University Fellowships, 280; Awards, 296
- University Physicians, 59
- University Press Book Store, 57
- University Publications, 313
- Urology, Assistants in, 162
- Vanderbilt Clinic, 92, 162, 164, 191, 194
- Clinical Assistants at, 37-38; Managers, 8
- Visiting Austria Professor, 305, 306
- Visiting French Professorship, 306; Incumbents, 306
- Visiting Professor, University of Paris, 305
- Visiting Professor, University of Vienna, 306
- Willard Parker Hospital, 192
- William L. Dickinson High School, Jersey City, 252
- Withdrawal, 50
- Women, Barnard College, and undergraduate college for, 47-48; Courses closed to, 48, 75
- Women, Courses in Physiology open to, 161
- Women Courses open to, 48, 61, 99, 161, 211, 227, 231-32, 245, 520-52
- Women, Physical Education for, 156-57
- Women, Residence Halls for, 58
- Women, Sloane Hospital for, *see* Sloane,
- Women's Hospital, Clinics at, 191-92
- Wood-working, Courses in, 106
- Young Men's Christian Association, 59
- Zoological Laboratories, 173
- ZOOLOGY, DEPARTMENT OF, 49, 172-73
- Courses, 172-73; Summer Session at Barnard College, 172; at Teachers College, 172; Journal Club, 173; Laboratories, Libraries, 173; and Equipment, 173; Teaching Staff, 172; University Biological Lectures, 173
- Zoology, Entrance requirements in, 181



# DIRECTORY OF OFFICERS

A.	= Avery.	H. M. S.	= Horace Mann	S.	= Schermerhorn.
B.	= Barnard College.		School.	S. H.	= Sloane Hospital.
C. R. L.	= Crocker Research	Hv.	= Havemeyer.	Sp. S.	= Speyer School.
	Laboratory.	J.	= Journalism.	T.	= Teachers College.
East	= East Hall.	K.	= Kent.	U.	= University.
E. H.	= Earl Hall.	L.	= Library.	U. T. S.	= Union Theol.
E.	= Engineering.	M.	= School of Mines.		Seminary.
F.	= Fayerweather.	P. & S.	= College of Physicians	V. C.	= Vanderbilt Clinic.
Gym.	= Gymnasium.		and Surgeons.		
H. A.	= Household Arts.	P.	= Philosophy.		
Hm.	= Hamilton.	Phar.	= College of Pharmacy.		

Furnald, Hartley, Livingston, Whittier, Brooks = Residence Halls.

† = Married.

Name	Office Hours	Office	Residence
Abbott, A. Asst. Prof. † (22)	M. W. 3:10	322 T.	537 W. 121
Abbott, N. Prof. † (16)	M. W. 11-12	K.	515 W. 124
Abramowitz, E. W. Clin.			
Asst. (38)		V. C.	
Ackerman, F. L. Lect. (33)		A.	920 St. John ave.
Adler, F. Prof. † (13)			152 W. 77
Agger, E. E. Asst. Prof. † (20)	M. W. F. 11-12	713 Hm.	Tenaflly, N. J.
Alberti, Eva A. Lect. (39)		T.	
Alexander, I. H. Clin. Asst. (38)		V. C.	204 W. 86
Alexander, L. H. Instr. † (27)	W. F. 10-10:30	111 B.	660 Riverside dr.
Allen, H. F. Asst. (35)	Tu.-S. 4-5	207 E.	Hartley
Altenburg, E. Asst. (35)	Tu. Th. 1:10-2:10	511 S.	Livingston
Ames, T. H. Instr. (27)		P. & S.	52 W. 53
Anderson, Mary P. Tr. (41)		H. M. S.	527 W. 121
Anderton, W. P. Clin. Asst. (38)		V. C.	825 Madison ave.
Andrews, B. R. Asst. Prof. † (22)		T.	336 Undercliff ave., Edgewater, N. J.
Andrews, Mrs. B. R.			
College Visitor T. C. †	Daily 2-4	T.	
Andrews, J. C. Asst. (35)		Hv.	Furnald
Anthony, Kate S. Tr. (40)		H. M. S.	202 W. 78
Arendt, M. Asst. Prof. (18)	W. 10-11; F. 1-2	503 E.	Hotel Ansonia
Armstrong, D. B. Lect. † (39)	Th. 3:30-4	T.	105 E. 22
Arnold, H. N. Lect. (33)			
Arny, H. V. Prof. † (20)		Phar.	Montclair, N. J.
Aronson, L. S. Clin. Asst. (37)		V. C.	1391 Madison ave.
Asserson, M. Alice, Asst.			
Physician T. C.	M. W. F. 4-6	T.	40 W. 96
Atkinson, Louise S. Instr. (38)	M. 9-11; Th. 10-12	T.	196 Berkeley pl., Bklyn.
Atwood, A. W. Assoc. † (26)		405 J.	272 Nassau, Prince- ton, N. J.
Auchincloss, H. Instr. † (27)		P. & S.	178 E. 70
Ayres, D. R. Clin. Asst. (37)		V. C.	57 W. 58
Ayres, H. M. Asst. Prof. † (18)		601 P.	
Bach, M. G. Instr. (38)	M. W. F. 11-12	T.	Livingston
Bach, R. F. Curator † (34)	M.-F. 11-12; 3-4	401 A.	509 W. 121
Bacon, G. Prof. † (14)		P. & S.	47 W. 54
Bacon, Georgia F. Tr. (40)		H. M. S.	537 W. 121
Bagster-Collins, E. W. Assoc.			
Prof. † (14)		T.	Montrose, N. Y.
Bair, F. H. Tr. (40)		H. M. S.	530 W. 123

Name	Office Hours	Office	Residence
Baker, C. McC. Tr. (40)		H. M. S.	
Baker, Emma R. Instr. (38)	Daily 9-10	T.	Whittier
Baker, F. T. Prof. † (12)	Tu. Th. 3:30-4	323 T.	Park Hill, Yonkers, N. Y.
Baker, Helen B. Tr. (40)		H. M. S.	
Baker, J. C. Asst. † (35)	M. W. Th. 11-12	516 Hv.	541 W. 124
Baker, S. Josephine, Lect. (39)		T.	33 W. 96
Balderston, Lydia R. Instr. (38)	M. Tu. 9-10	T.	509 W. 121
Baldt, Laura I. Instr. (38)	M. 5-6	T.	106 Morningside dr.
Baldwin, C. S. Prof. † (20)	W. F. 10-10:50 Tu. Th. 2-2:50	140 B. 609 P.	524 Riverside dr.
Baldwin, Elizabeth G. Lib'n T. C. (6)	Daily 10-12	313 T.	435 W. 123
Ballard, Anna W. Instr. (38)	Tu. Th. 10-11	T.	120 W. 103
Ballard, C. W. Instr.		Phar.	335 Senator, Bklyn.
Balls, A. K., Asst. (35)		P & S	Livingston
Balmford, J. A. Asst. (35)		206 E.	509 W. 146
Bancel, H. A. Clin. Asst. (37)		V. C.	235 E. 68
Bancroft, F. W. Asst. † (35)		P. & S	955 Lexington ave.
Bandler, C. G. Instr. (27)		P. & S.	241 W. 102
Barrows, Anna, Instr. (38)		T.	
Barry, F. Instr. (27)	Tu. Th. 2-3	616 Hv.	Livingston
Bartholow, P. Clin. Asst. (38)		V. C.	40 E. 41
Bartlett, F. H. Assoc. (26)		P. & S.	44 E. 63
Barver, R. Clin. Asst. (37)		V. C.	
Bastedo, W. A. Assoc. † (26)		P. & S.	57 W. 58
Batchelder, Evelyn, Tr. (40)		H. M. S.	
Batchelder, Mildred I. Tr. (40)		H. M. S.	415 W. 118
Batchelder, R. Tr. (41)		H. M. S.	430 W. 119
Baum, Helen, Asst. (40)		H. M. S.	
Beans, H. T. Asst. Prof. † (20)	M. W. F. 11-12	507 Hv.	615 W. 176
Beard, C. A. Prof. † (16)	M. 9:30-10; 11-12; Tu. 3:30-4	715 Hm.	400 W. 118
Beegle, Mary P. Instr. (38)	M. 10; Tu. 9; F. 11	T.	620 W. 116
Belcher, B. H. Clin. Asst. (38)		V. C.	8 Highland ave., Yonkers, N. Y.
Belcher, D. R. Instr. (27)	Tu. Th. 10-11	211 Hm.	2940 B'way
Bement, A. Asst. Prof. (20)		T.	Hotel Netherlands
Bensel, W. Assoc. † (26)		P. & S.	125 Riverside dr.
Berkhemer, F. Asst. (35)		V. C.	
Berens, C. Clin. Asst. (37)		P. & S.	923 Madison ave.
Berg, H. W. Assoc. (26)		303 S.	Palisade, N. J.
Berkey, C. P. Assoc. Prof. † (18)	Tu. Th. S. 11-12	114 B.	Furnald
Betz, G. A. Instr. (27)	Tu. 10; F. 2:10	U. T. S.	B'way and 120
Bewer, J. A. Prof. in U. T. S. (38)	M. W. 3-4	V. C.	32 E. 76
Bibby, H. L. Clin. Asst. (38)		106-6 ave.	133 W. 78
Bigelow, C. O. Treas. Coll. Phar.			
Bigelow, M. A. Prof. and Dir.			
Sch. Prac. Arts † (14)	M. Th. 10-12	119 H. A.	Crugers, N. Y.
Bigongiari, D. Asst. Prof. (23)	Absent on leave 1915-16		
Bird, J. M. Asst. † (35)	M. W. 9-12; 1-3; S. 9-12	215 Hm.	29 Convent ave. 768 West End ave.
Bisch, L. E. Assoc. (38)		P. & S.	St. Luke's Hosp'l
Bishop, F. W. Instr. and Asst. (27)		P. & S.	148 W. 58
Blackwell, H. B. Instr. (27)			

Name	Office Hours	Office	Residence
Blakeslee, G. A. Clin. Asst. (37)		V. C.	215 W. 101
Blancard, W. Clin. Asst. (38)		V. C.	55 E. 76
Blanchard, A. H. Prof. † (20)		410 E.	411 W. 114
Bliss, Grace V. Sec. Fine Arts T. C.		T.	420 W. 116
Blumgarten, A. S. Clin. Asst. (37)		V. C.	1114 Madison ave.
Boas, Belle, Tr. (41)		H. M. S.	140 Claremont ave.
Boas, F. Prof. † (12)	Tu. T. 10-11	706 F.	Grantwood, N. J.
Bogert, M. T. Prof. † (12)	W. F. 12:30-1:30	408 Hv.	422 W. 154
Boggs, N. T. Lect. † (33)	M. W. F. 11-12; M. 3-4; W. 2-3	705 P.	430 W. 116
Böhme, T. Lect. † (33)	M. W. F. 10:30-11 Tu. 5-5:30	405 Hm. 509 P.	192 Claremont ave.
Bonser, F. G. Assoc. Prof. and Dir. Indus. Arts † (19)	Tu. Th. 2-3	T.	508 W. 112
Boring, W. A. Assoc. † (26)	M. W. F. 2-4	406 A.	142 E. 45
Botsford, G. W. Prof. † (15)	W. 11-11:45	603 K.	28 Urban, Mt. Vernon, N. Y.
Bovaird, D., Jr. Asst. Prof. † (18)		P. & S.	137 E. 60
Bowes, O. C. Lect. (33)	Tu. 10-11		Livingston
Boyd, Virginia T. Chief Clerk B. C.	M.-F. 9-5; S. 9-12	B.	618 W. 114
Boyd, W. B. Asst. (35)		P. & S.	850 Park ave.
Bradish, Ethelwyn C. Instr. (38)	Tu. Th. 11; W. 11-12	T.	106 Morningside dr. Governor's Island
Bradley, Harriett, Lect. (34)	Tu. Th. 10:30-11	308 B.	501 W. 121
Bradner, Caroline, M. Asst. (41)		H. M. S.	26 Orange, Bklyn.
Brandt, Lilian, Asst. (35)	Tu. Th. 5:10	607 K.	530 W. 123
Brant, Laura C., Asst. (35)		230 B.	
Braun, W. A. Assoc. Prof. and Dir. Deutsches Haus † (18)	Tu. 11; F. 10	113 B.	99 Claremont ave.
Breckenridge, W. E. Assoc. (38)	Tu. 4-5		21 Park ave., Mt. Vernon, N. Y.
Bredemus, J. Asst.		H. M. S.	
Bredner, Caroline M. Tr.		H. M. S.	
Brewer, G. E. Prof. † (14)		P. & S.	16 E. 64
Brewster, W. T. Prof. and Provost of B. C. † (13)	Tu. Th. 11-12	109 B.	Hartsdale, N. Y.
Briggs, Elizabeth, Tr. (40)		H. M. S.	11½ W. 84
Briggs, T. H. Assoc. Prof. † (24)	W. 3-4; S. 11	202 T.	533 W. 124
Brill, N. E. Prof. † (25)		P. & S.	48 W. 76
Britton, N. L. Dir. N. Y. Bot. Garden † (16)			Bronx Park
Broadhurst, Jean, Asst. Prof. (23)	W. 2	423 T.	Edgewater, N. J.
Brooks, F. E. Tr. † (40)		H. M. S.	600 W. 114
Brooks, Mrs. F. E. Tr. (40)		H. M. S.	600 W. 114
Brown, A. J. Instr. (27)		P. & S.	156 E. 64
Brown, C. K. Sec. Earl Hall (6)	M.-F. 9-12; 2-5	E. H.	Furnald
Brown, D. M. Clin. Asst. (39)		V. C.	1640 Madison ave.
Brown, Rev. F. Pres't Union Theol. Sem. † (17)		U. T. S.	80 Claremont ave.
Brown, F. M. Asst. (39)		T.	42 Schuyler ave., Stamford, Conn.
Brown, Grace L. Instr. (38)	Tu. Th. 11	T.	419 W. 119
Brown, J. A. Lect. † (34)		401 F.	606 W. 122
Brown, L. N. Instr.		Phar.	Sag Harbor, L. I.
Brown, R. C. E. Assoc. † (26)	M. 11-12	607 J.	164 Hicks, Bklyn.
Brown, R. H. Lect. † (34)	M. F. 10-11	408 E.	239 New York ave., Bklyn.

Name	Office Hours	Office	Residence
Brown, S. Clin. Asst. (37)		V. C.	White Plains
Bruder, A. J. Clin. Asst. (37)		V. C.	
Buerger, L. Instr. (27)		P. & S.	40 E. 41
Bugbee, H. G. Instr. † (28)		P. & S.	40 E. 41
Bullock, F. D. Assoc. (26)		C. R. L.	1145 Amsterdam ave.
Burdick, F. M. Prof. † (10)	Tu. Th. 10-12	406 K.	601 W. 113
Burgess, J. W. Emer. Prof. † (7)			Newport, R. I.
Burke, Agnes, Instr. (38)	Th. 2-4	T.	514 W. 122
Burnap, S. R. Instr. † (28)		P. & S.	44 E. 65
Burnham, A. C. Clin. Asst. (37)		V. C.	140 W. 79
Burnside, C. H. Asst. Prof. † (18)	Tu. Th. 10 and 2	603 F.	Morsemere, N. J.
Burr, Constance, Sec. H. M. H. S. (40)	H. M. S.		12 W. 120
Burr, W. H. Prof. † (11)		401 E.	27 E. 77
Burton-Opitz, R. Assoc. Prof. † (14)		P. & S.	Palisade, N. J.
Bush, W. T. Assoc. Prof. † (21)	W. 4-5	704 P.	1 W. 64
Buswell, A. M. Instr. † (28)	M.-F. 11-12	612 Hv.	Lakeview ave., Le- onia, N. J.
Butler, N. M. Pres't. † (10)	M. Tu. Th. F. 10:30-12	213 L.	60 Morningside dr. 39 W. 67
Cadorin, E. Lect. (34)		V. C.	344 W. 22
Cain, E. A. Clin. Asst. (37)			
Calkins, G. N. Prof. † (14)	M. 11-12; W. 2-3; S. 9-10	609 S.	Hartsdale, N. Y.
Camac, C. N. B. Asst. Prof. † (19)		P. & S.	128 E. 60
Campbell, W. Prof. (16)	M. F. 10-11	502 M.	Livingston
Canfield, G. F. Prof. † (11)	Tu. Th. 11	406 K.	344 W. 72
Cantor, S. Clin. Asst. (37)		V. C.	
Carlucci, G. A. Asst. (35)		P. & S.	1956 Crotona park- way
Carpenter, C. D. Asst. Prof. † (23)	M. F. 11:30-12	415 T.	114 Morningside dr.
Carpenter, W. H. Prof. and Provost † (10)	M.-F. 10-12; 2-4; S. 10-12	305 East V. C.	417 W. 117
Carr, C. E. Clin. Asst. (37)			
Carr, H. L. Instr. † (28)	Daily 9-12	408 M.	6065 B'way
Carr, M. L. Instr. (28)		P. & S.	36 Central Ph. S.
Carter, H. S. Assoc. † (26)		P. & S.	66 W. 55
Carter, L. E. Dir. Boys' Club H. M. Sch. (41)		H. M. S.	
Cartwright, Mrs. Harriet G. Tr. † (41)		H. M. S.	126 Claremont ave.
Cary, E. G. Asst. (35)		C. R. L.	1145 Amsterdam ave.
Casamajor, L. Asst. Prof. (24)		P. & S.	342 W. 56
Cattell, J. McK. Prof. † (10)	Th. 2; F. 9	413 S.	Garrison, N. Y.
Cecil, R. L. Instr. (28)		P. & S.	123 E. 62
Chace, Edith P. Asst.		T.	Whittier
Chaddock, R. E. Assoc. Prof. † (20)	M. W. 11-12	501 K.	403 W. 115
Chambers, P. F. Prof. † (25)		P. & S.	49 W. 57
Chandler, C. F. Emer. Prof. † (7)			51 E. 54
Chandler, H. A. E. Lect. † (34)	M. W. F. 2	405 J.	390 Wadsworth ave.
Chappell, W. F. Prof. (25)		P. & S.	7 E. 55
Chittick, J. Lect. † (39)		T.	122 E. 25
Clark, J. B. Prof. † (11)	Absent on leave 1915-16		

Name	Office Hours	Office	Residence
Clarke, W. C. Asst. Prof. † (21)		P. & S.	Tenafly, N. J.
Class, F. M. Instr. (28)		P. & S.	24 W. 45
Cleaver, E. E. Clin. Asst. (38)		V. C.	351 W. 51
Clifford, Rev. C. Lect. (34)	W. F. 1-2	702 P.	Whippany, N. J.
Coakley, C. G. Prof. (23)		P. & S.	53 W. 56
Cobb, J. L. Asst. (35)		P. & S.	981 Madison ave.
Coblentz, V. Emer. Prof. (7)			431 Riverside dr.
Cocks, G. H. Instr. (28)		P. & S.	137 E. 54
Coe, C. A. Prof. in U. T. S.		U. T. S.	B'way and 120
Cohn, A. Prof. † (11)	M. W. 3	502 P.	2018 Fifth ave.
Colby, Gertrude K. Instr. (38)	M. 10; Tu. Th. 2	T.	Whittier
Cole, F. N. Prof. † (11)	M. 1-2	406 East	
Colie, E. M., Jr. Assoc. † (26)		P. & S.	265 W. 81
Coll, A. P. Instr. † (28)		P. & S.	153 Lexington ave.
Collins, H. D. Instr. † (28)		P. & S.	50 W. 55
Colsey, L. C. Asst.		Gym.	Livingston
Combes, A. L. Tr. † (40)		H. M. S.	624 W. 139
Condry, Margaret G. Tr. (41)		H. M. S.	
Connell, K. A. Instr. (28)		P. & S.	45 W. 50
Constantine, J. H. Instr. (38)		T.	564 Riverside dr.
Cook, Elizabeth C. Instr. (38)		T.	501 W. 120
Cooley, Anna M. Asst. Prof. (19)	Tu. Th. 1:30-2:30	115 H. A.	202 W. 79
Cooley, W. F. Instr. † (28)	M. W. 10-11	614 Hm.	75 St. James terrace, Yonkers, N. Y.
Cooper, Isabel S. Asst. (39)		T.	435 W. 119
Cornell, Grace A. Asst. Prof. (20)	Tu. Th. 1-2	231 T.	33 Alsop, Jamaica, L. I.
Cornwall, L. H. Clin. Asst. (37)		V. C.	375 Park ave.
Corscaden, J. A. Asst. † (35)		P. & S.	27 E. 67
Coss, J. J. Instr. (28)	M. W. F. 1-2; Tu. Th. S. 11-12	321 U.	Livingston
Costello, H. T. Instr. (28)	M. W. F. 10	335 B.	Livingston
Coulter, C. B. Assoc. (26)		P. & S.	20 E. 90
Cowan, J. A. Clin. Asst. (38)		V. C.	438 W. 44
Coy, Genevieve L. Lect.	W. 11; F. 3	T.	431 W. 120
Cragin, E. B. Prof. † (12)		P. & S.	10 W. 50
Crampton, H. E. Prof. † (12)	Tu. 2-3; F. 10-11	415 B.	2880 B'way
Crandall, Ella P. Lect. (38)		T.	25 W. 45
Crandon, Laura B. Tr. (40)		H. M. S.	509 W. 121
Crawford, J. R. Instr. † (28)	F. 9-9:30	514 Hm.	28 Dearborn rd., Palisade, N. J.
Crissey, Helen, H. M. El. Sch. (40)		H. M. S.	600 W. 114
Cubberley, E. P. Visiting Prof. of Ed.		T.	420 W. 116
Cunliffe, J. W. Prof. and Assoc. Dir. Sch. Journ. † (21)	M. F. 9-10; W. 11-12	201 J.	Delafield lane, Riverdale, N. Y.
Curry, Louise R. Asst.	M. Th. 3	T.	Englewood, N. J.
Curtis, C. C. Assoc. Prof. (17)	Absent on leave second half-year		422 W. 119
Curtis, H. B. Instr. (28)	M. W. F. 11:50	408 B.	54 Morningside dr.
Curtis, Mary W. Asst. (39)		T.	457 W. 123
Cussler, E. Instr. † (28)		P. & S.	103 E. 75
Dana, H. W. L. Instr. (28)	Th. 2-3; S. 11-12	606 Hm.	Livingston
Daniell, Lucetta, Soc. Dir. T. C. (6)	M.-F. 11-12	100 T	Whittier

Name	Office Hours	Office	Residence
Danielson, C. S. Bursar † (5)	M.-F. 9:30-3:30; S. 9:30-12	309 U.	2135 Seventh ave.
Danzer, F. Clin. Asst. (37)		V. C.	
Darling, B. C. Instr. † (28)		P. & S.	122 E. 34
Darrach, W. Asst. Prof. † (22)		P. & S.	47 W. 50
Darraha, Juanita E. Asst. (39)		T.	510 W. 123
Daschbach, Grace M. Lect. (39)	Tu. 11; Th. 10	T.	Carnegie Hall
David, E. J. Tr. (40)		H. M. S.	
Davies, M. J. Asst. to Dir. Ext. Teaching (43)		304 U.	175 Steuben, Bklyn.
Davis P. A. Dir. Boys' Club (41)		H. M. S.	
Davis, A. Tr. † (40)		H. M. S.	204 W. 109
Davis, B. Assoc. Prof. (17)	Tu. Th. 9-11	408 F.	411 W. 114
Davis, Mrs. Estelle H. Lect. (34)			189 Claremont ave.
Day, Grace A. Instr. (38)	M. W. 3:30-4; S. 10	T.	419 W. 119
Day, W. S. Lect. † (34)		407 F	220 Hobart ave., Summit, N. J.
Dean, A. D. Lect. (41)			
Dean, B. Prof. † (12)		605 S.	Riverdale
de Bacourt, P. Lect. † (34)	Tu. Th. S. 10-11	606 J.	9 W. 98
Debatin, F. W. Instr. (28)	M. Th. 11-12	510 Hm.	237 E. 104
Dederer, Pauline H. Instr. (28)	W. 10-11	409 B.	549 W. 113
Dement, Lucia W. Tr. (40)		H. M. S.	
Denig, R. C. Prof. † (25)		P. & S.	56 E. 58
Derby, R. Instr. † (28)		P. & S.	116 E. 79
Devine, E. T. Prof. † (15)	Absent on leave second half-year		542 W. 112
Dewey, J. Prof. † (15)	M. W. 2-3	702 P.	2880 B'way
De Yoanna, G. Clin. Asst. (37)		V. C.	
Dickey, F. A. Registrar † (5)	M.-F. 9:30-4; S. 9:30-12	314 U.	Grand View, Ny- ack, N. Y.
Diekman, G. C. Prof. † (15)		Phar.	555 E. 23, Bklyn.
Diem, O. Instr. † (28)		P. & S.	926 Madison ave.
Diller, Helen E. Asst. (39)	Tu. 1; F. 11	T.	419 W. 119
Doby, Madeleine H. Lect and Sec. Maison Française (34)	M.-F. 2-4	Maison Fran- çaise	604 W. 115
Dodge, B. O. Instr. † (28)	Tu. Th. 11-12	510 S.	417 W. 121
Dodge, R. Non-res. Lect.			Middletown, Conn.
Dodge, R. E. Prof. † (12)	Tu.-F. 1:10-2	416 T.	Washington, Conn.
Doty, Katharine S. Sec. Barnard College	M.-F. 10-12; 2-4; S. 10-12 W. 4-5	B.	567 W. 113
Dow, A. W. Prof. † (15)		431 T.	501 W. 120
Dowd, C. N. Prof. † (17)		P. & S.	127 W. 72
Downes, W. A. Asst. Prof. (22)		P. & S.	37 W. 71
Draper, G. Instr. † (28)		P. & S.	162 E. 63
Draper, W. K. Prof. † (16)		P. & S.	121 E. 36
Drew, Lillian C. Instr. (38)		T.	435 W. 119
Drowne, H. B. Instr. † (28)		410 E.	
Dryfoos, A. D. Clin. Asst. (37)		V. C.	42 W. 85
Dunning, H. S. Clin. Asst. (37)		V. C.	17 E. 38
Dunning, W. A. Prof. † (11)	M. W. F. 12:30	608 K.	Hotel Ansonia
Dwight, K. Instr. (28)		P. & S.	1045 Madison ave
Dwyer, J. G. Instr. (29)		P. & S.	40 E. 41
Eaton, P. Tr. (40)		H. M. S.	152 Madison ave.

Name	Office Hours	Office	Residence
Egbert, J. C. Prof. and Dir. S. S. and Ext. Teaching † (11)	Daily 11-12	301 U.	425 W. 146
Eisenbrey, A. B. Instr. (29)		P. & S.	St. Luke's Hosp'l
Eliot, E., Jr. Prof. † (25)		P. & S.	34 E. 67
Elliott, A. H. Emer. Prof. † (6)			52 E. 41
Elliott, E. S. Asst. Prof. (24)		Gym.	Livingston
Elliott, G. R. Asst. Prof. (25)		P. & S.	136 Madison ave.
Emerson, H. Assoc. † (26)		P. & S.	120 E. 62
Epstein, J. Clin. Asst. (37)		V. C.	1450 Lexington ave.
Erb, F. C. Sup. in Lib. (6)	Daily 9-12	105 L.	520 W. 123
Erb, F. W. Sup. in Lib. (6)	Daily 9-12	L.	520 W. 123
Erskine, J. Assoc. Prof. † (17)	Tu. 10-11; F. 11-12	612 Hm.	609 W. 115
Evans, A. P. Instr. † (29)	W. 2-4; F. 3-4	704 Hm.	106 Northern ave.
Evans, A. P. Instr. (29)		P. & S.	
Evans, E. M. Prof. † (17)		P. & S.	56 E. 55
Evans, F. A. Asst. (35)		P. & S.	
Eyster, J. B. Tr. † (40)		H. M. S.	6027 Liebig ave.
Fackenthal, F. D. Sec. of the Univ. (5)	Daily 10-12; 2-4	213 L.	930 St. Mark's ave., Bklyn., 407 W. 117
Fales, H. A. Instr. (29)	M. Tu. 10-12	512 Hv.	308 Schermerhorn, Bklyn.
Fales, Jane, Asst. Prof. (19)	M. 2-4; F. 10-12	308 T.	622 W. 113
Famulener, L. W. Assoc. † (26)		C. R. L.	717 W. 177
Fansler, D. S. Lect. † (34)	W. 11-12	610 Hm.	780 Riverside dr.
Farnsworth, C. H. Assoc. Prof. † (13)	Absent on leave 1915-16		
Farrell, Elizabeth E. Lect. (39)		T.	
Farrington, F. E. Assoc. Prof. † (19)	Absent on leave 1915-16		
Farrington, Kathryn, Sec. Bureau of Publications T. C.		T.	50 W. 45
Farwell, H. W. Instr. † (29)	M. Tu. 4-4:30	401 F.	241 Hillside ave., Leon, N. J.
Fasano, S. Lab. Asst.		Phar.	683 Wales ave.
Field, C. W. Asst. † (35)		P. & S.	234 Central pk. W.
Finch, J. K. Asst. Prof. † (24)	M. W. 11-12	409 E.	126 Claremont ave.
Fischer, C. A. Instr. † (29)	M. W. F. 10:50- 11:15; 2:50-3:10	212 Hm.	353 W. 117
Fischer, H. Instr. (29)		P. & S.	111 E. 81
Fisher, E. L. Asst. (35)		206 E.	Hartley
Fiske, H. L. Instr. †	Daily 11-12	402 Hv.	3 Louisa pl., Wee- hawken, N. J.
Fisk, J. C. Clin. Asst.		V. C.	169 W. 73
Fiske, T. S. Prof. † (11)	W. F. 3	206 Hm.	527 W. 110
Fite, W. B. Prof. † (18)	Tu. Th. 11-11:30	209 Hm.	411 W. 114
Fletcher, J. B. Prof. † (15)	M. W. 2-3	612 P.	112 E. 22
Fontaine, C. Asst. Prof. † (18)	Absent on leave 1915-16		
Fordyce, J. A. Prof. † (22)		P. & S.	8 W. 77
Fortier, E. J. Instr. † (29)	M. W. 3; F. 4	305 Hm.	557 W. 124
Foucher, A. Visiting French Prof. (24)			411 W. 117
Fowler, S. W. Clin. Asst. (38)		V. C.	326 W. 57
Fox, D. R. Instr. † (29)	M. 2-3; Tu. 4-6	714 Hm.	1435 University ave.

Name	Office Hours	Office	Residence
Fox, Paulina P. Tr. (40)		H. M. S.	418 W. 118
Frame, Elsa L. Instr. (38)	W. 8-9	T.	Whittier
Francis, Charlotte A. Instr. (38)	Absent on leave 1915-16		
Fraser, L. Lect. (34)	W. 10-11; F. 9:30-10	508 J.	9 E. 10
Freas, T. B. Asst. Prof. † (20)	Tu. Th. 9-12; 1-4	700 Hv.	Lakeview & Hill- crest aves., Le- onia, N. J.
Freeburg, V. O. Instr. (29)	M. W. F. 10-11; F. 11-12	606 Hm.	415 W. 118
Freeman, A. C. Instr. (29)		P. & S.	55 E. 76
French, Lucile G. Instr. (38)		T.	
Freudenfall, B. Clin. Asst. (37)		V. C.	329 E. 51
Frieder, W. Clin. Asst. (37)		V. C.	80 St. Nicholas ave.
Friedman, G. A. Clin. Asst. (37)		V. C.	123 E. 95
Friedson, M. Clin. Asst. (37)		V. C.	105 E. 10
Frissell, L. F. Asst. Prof. † (21)		P. & S.	113 E. 56
Frothingham, R. Instr. † (29)		P. & S.	616 Madison ave.
Frye, D. W. Clin. Asst. (37)		V. C.	
Fuld, J. E. Instr. (29)		P. & S.	101 E. 81
Fulkerson, L. L. Clin. Asst. (38)		V. C.	165 Audubon ave.
Fullerton, G. S. Prof. † (15)	Absent on leave 1915-16		
Gallaudet, B. B. Asst. Prof. † (15)		P. & S.	110 E. 16
Gambrill, J. G. Assoc. (38)	W. F. 10	T.	548 Riverside dr.
Gardner, H. F. Instr. (29)	Daily 9-10	106 S.	Livingston
Garrison, Charlotte G. Instr. (38)	F. 2	T.	439 W. 123
Garver, F. M. Assoc. (38)		T.	Leonia, N. J.
Gerig, J. L. Assoc. Prof. † (18)	Tu. Th. 11-12	506 P.	501 W. 122
Gerow, C. D. Tr. (40)		H. M. S.	
Geyelin, H. R. Instr. (29)		P. & S.	123 E. 62
Gibbs, Winifred S. Asst. (39)	F. 1:30-2	T.	119 E. 19
Gibney, V. P. Prof. † (14)		P. & S.	16 Park ave.
Giddings, F. H. Prof. † (11)	M. 11; F. 1	504 K.	303 W. 104
Gies, W. J. Prof. † (13)		P. & S.	611 W. 113
Gifford, R. W. Prof. † (23)	M. 10-11; Tu. 10-12	410 K.	468 Riverside dr.
Gildersleeve, Virginia C. Dean of Barnard College (18)	M. Th. 10:30-11:30; 2:30-3:30; W. F. 10:30-12.	B.	404 Riverside dr.
Giliberti, V. Clin. Asst. (37)		V. C.	
Gillmore, Laura A. Tr. (40)		H. M. S.	520 W. 122
Gillmore, Mary B. Tr. (40)		H. M. S.	415 W. 118
Glasgow, B. Clin. Asst. (37)		V. C.	315 E. 6
Glenn, G. Lect. † (34)		413 K.	26 Exchange pl.
Glogau, O. Clin. Asst. (37)		V. C.	1320 Madison ave.
Goddard, P. E. Lect. † (34)			
Goetze, F. A. Dean Fac. App. Sci. and Comptroller † (16)	M. Tu. Th. F. 10:30-12	405 E.	455 W. 141
Gohdes, W. H. Tr. (40)		H. M. S.	
Goldenweiser, A. Instr. † (29)	M. W. F. 10-12	704 J.	550 Riverside dr.
Goldfarb, S. J. Clin. Asst. (37)		V. C.	55 W. 110
Good, F. F. Instr. (38)	Daily 12:30-1	T.	Livingston
Goodale, Grace H. Lect. (34)	M. W. 2-3; Th. 10-11	331 B.	1230 Amsterdam ave.



Name	Office Hours	Office	Residence
Goodhart, S. P. Asst. Prof. (25)		P. & S.	34 W. 87
Goodman, A. L. Instr. (29)		P. & S.	136 W. 87
Goodrich, Anne W. Asst. Prof. (22)	M. 9; Tu. Th. 11; F. 2	110 H. A.	509 W. 121
Goodridge, F. G. Assoc. † (26)		P. & S.	122 E. 78
Goodsell, Willystine, Asst. Prof. (20)	Tu. Th. 9-10	321 T.	401 W. 118
Goodwin, G. M. Instr. (29)		P. & S.	125 E. 57
Gordon, D. Instr. (29)		P. & S.	128 W. 59
Gottheil, R. J. H. Prof. † (10)	Tu. 2-4	405 P.	417 Riverside dr.
Gottbrath, N. J. Clin. Asst. (37)		V. C.	316 W. 20
Goucher, F. S. Asst. † (35)		207 P.	504 W. 122
Grabau, A. W. Prof. † (13)		101 S.	
Grace, R. V. Asst. (35)		P. & S.	981 Madison ave.
Graham, W. J. Asst. (35)	Tu. Th. 2:10-3:10	140 B.	Hartley
Graham, W. S. Clin. Asst. (38)		V. C.	56 W. 11
Grant, E. J. Asst. Registrar † (5)	M.-F. 9-5; S. 9-12	315 U.	34 Post ave.
Graves, G. W. Asst. (35)		P. & S.	160 W. 87
Gray, J. M. Instr. † (29)	Tu. 2; S. 11	410 Hm.	71 Rockland ave., Yonkers, N. Y.
Gray, R. P. Tr.		H. M. S.	
Green, N. W. Instr. † (29)		P. & S.	152 W. 57
Greenberg, L. Clin. Asst. (37)		V. C.	1135-46 St., Bklyn.
Greenland, C. W. Asst. (35)		308 S.	
Greenwood, Grace, Asst. Soc. Dir. Whittier		T.	Whittier
Gregory, Louise H. Instr. (29)	M. 11-12	409 B.	90 Morningside dr.
Gregory, W. K. Assoc. † (26)		Am. Mus.	
Grove, C. C. Asst. Prof. † (18)	Tu. Th. 2	Nat. Hist.	54 W. 82
Gucker, C. F. Tr. (40)		204 Hm.	3129 B'way
Guernsey, R. Instr. † (29)	M. 11-12	H. M. S.	
Gulick, L. H. Dir. Boys' Club (41)		515 Hm.	368 Grand ave., Leonie, N. J.
Gunn, Mrs. Lillian M. Instr. (38)	Tu. 1	H. M. S.	
Gunther, Emma H. Asst. Prof. (24)	Tu. W. 1:30-2; W. 9-10; Th. 11-12	T.	407 W. 123
Guthrie, W. D. Prof. † (17)		51 H. A.	509 W. 121
Haberman, J. V. Instr. (29)		K.	28 Park ave.
Haerberlin, H. K. Asst. (35)	Daily 11-12	P. & S.	
Haeseler, P. C. Asst. (35)	Daily 10-11	705 J.	200 Claremont ave.
Hahn, V. Asst. (35)		609 Hv.	Hartley
Haig, R. M. Instr. † (29)	Tu. Th. 3:30-4:30	Hv.	Hartley
Haight, H. H. Instr. (42)		710 J.	374 Wadsworth ave.
Hale, H. E., Jr. Instr. † (29)		Phar.	30 Church
Hale, R. L. Lect. † (34)		P. & S.	770 West End ave.
Hall, E. J. Asst. Prof. † (19)	M. F. 11-12	708 Hm.	12 E. 85
Hall, L. B. Instr. (30)	M. W. F. 11-12	602 M.	78 Park ave., Pas- saic, N. J.
Hall, T. C. Prof. in U. T. S. †		403 J.	50 Washington sq.
Hall, W. H. Prof. † (22)	Tu. F. 10:30-11:30	U. T. S.	B'way and 120
Haller, W. Instr. † (30)	Tu. Th. 11-12	East	49 Claremont ave.
Hamilton, B. W. Asst. (35)		136 B.	603 W. 139
Hamilton, J. C. Clin. Asst. (37)		P. & S.	250 W. 57
Hamlin, A. D. F. Prof. † (10)	M. F. 11-12; Tu. Th. 10-11	V. C.	
		503 A.	105 Morningside ave.

Name	Office Hours	Office	Residence
Hardenberg, D. S. Clin. Asst. (37)		V. C.	
Harper, R. A. Prof. (20)	Tu. F. 3; S. 10	503 S.	3038 Hull ave.
Harriman, C. A. Asst. Prof. † (19)	M. Tu. Th. F. 9-4	501 A.	417 W. 114
Harrington, T. H. Asst. Prof. (21)	M.-F. 2-3	604 E.	Scarsdale, N. Y.
Hart, Fannie, Lab. Asst.		Phar.	84 Bedford
Hart, T. S. Asst. Prof. † (21)		P. & S.	130 W. 59
Hartsock, H. B. Asst. †		Gym.	414 W. 121
Harvitt, Helen J. Asst. (39)		T.	192 Hooper, Bklyn.
Haskell, Mrs. H. S., Instr. † (30)	F. 1-2	113 B.	624 W. 139
Hatch, Laura, Lect. (34)	W. 10-11	214 B.	Brooks
Haviland, C. F. Clin. Asst.		V. C.	State Hosp'l, Kings park, L. I.
Hawkes, F. Assoc. † (26)		P. & S.	124 E. 65
Hawkes, H. E. Prof. † (18)	Daily 9-10	201 Hm.	549 Riverside dr.
Hayden, J. R. Prof. † (14)		P. & S.	121 W. 55
Hayden, P. M. Lect. (34)	M. W. 1:30-2	111 B.	Livingston
Hayes, C. Assoc. Prof. (18)	M. 2; Tu. 10	710 Hm.	509 W. 121
Haynes, R. S. Assoc. † (26)		P. & S.	213 W. 70
Hayt, E. K. Asst. Reg. and Asst. Bursar (5)	M.-F. 10-5; S. 10-1	P. & S.	104 W. 128
Hazen, T. E. Asst. Prof. (18)	Tu. F. 11	320 B.	Livingston
Heagey, F. W. Instr. (30)		P. & S.	
Hedges, R. E. Dir. Boys' Club H. M. E. Sch. (41)		H. M. S.	
Hehre, F. W. Instr. † (30)	W. Th. 10-12	206 E.	105 Manhattan ave.
Henderson, E. N. Lect. (42)		T.	
Hennes, Marie, Tr. (41)		H. M. S.	
Henry, Edna M. Asst. (35)		416 B.	80 Claremont ave.
Hensel, O. Instr. (30)		P. & S.	106 E. 81
Herrick, A. L. Instr. † (30)	M. Tu. Th. 4-5	304 E.	562 W. 173
Herrick, W. W. Assoc. † (26)		P. & S.	49 E. 53
Hervey, W. A. Prof. † (14)	M. 10; W. 2 Tu. 11; S. 12	407 Hm.	
Heuser, F. W. J. Asst. Prof. † (21)	M. 5; Tu. 3	510 P.	607 W. 138
Hicks, F. C. Law Lib'n † (43)	M.-F. 9-5; S. 9-12	510 P.	239 S. Fifth ave., Mt. Vernon, N. Y.
Hildreth, W. Instr. † (30)		404 Hm.	
Hill, Jessica M. Instr. (39)	M. 2; Th. 10-11	K.	520 W. 122
Hill, Patty S. Asst. Prof. (19)	M. W. 3-4	P. & S.	495 West End ave.
Hillegas, M. B. Assoc. Prof. † (20)	M. 10-11; F. 3-4	T.	620 W. 116
Hinchey, T. F. Lect.		112 T.	620 W. 116
Hinsdale, R. S. Clin. Asst. (37)		203 T.	531 W. 124
Hirst, Gertrude M. Asst. Prof. (21)	Tu. 11	T.	
Hirth, F. Prof. † (13)	Daily before 9	V. C.	567 W. 113
Hitti, P. K. Lect. (34)		212 B.	Brooks
Hoffman, Lillian C. Asst. (40)		401 W. 118	401 W. 118
Holden, W. A. Prof. (24)		P.	554 W. 114
Hollingworth, H. L. Asst. Prof. † (23)	M. W. 2-4	H. M. S.	411 W. 115
Holm, G. T. Instr. † (38)		P. & S.	8 E. 54
Hollis, A. W. Prof. † (25)		T.	417 W. 118
Holt, L. E. Prof. † (13)			18 Hudson ave., Edgewater, N. J.
Holter, P. C. Sec. of Ap- pointments † (5)	Daily 9:30-1; after 2 by appointment	P. & S. 316 U.	40 W. 71 14 W. 55 173 Lenox rd., Bklyn.

Name	Office Hours	Office	Residence
Holzhauser, C. W. Asst. Sec. Coll. Phar.		Phar.	Broad & Market, Newark, N. J.
Hooker, R. S. Instr. † (30)		P. & S.	175 E. 71
Hopkins, J. G. Asst. Prof. (24)		P. & S.	350 Wash'n ave., Bklyn.
Horowitz, B. Assoc. (26)		P. & S.	12 W. 117
Horsford, F. C. Clin. Asst. (37)		V. C.	
Hostmann, J. Instr. †		Phar.	1208 Hudson, Hoboken, N. J.
Hotchkiss, Caroline W. Tr. (40)		H. M. S.	502 W. 113
Hotchkiss, L. W. Prof. † (17)		P. & S.	59 W. 48
House, Florence E. Asst. (39)		T.	420 W. 119
Howard, Clare M. Instr. (30)	Tu. Th. 11-11:30	138 B.	Brooks
Howe, H. M. Emer. Prof. † (7)			Bedford Hills, N. Y.
Howe, H. S. Instr. (30)		P. & S.	131 E. 67
Howe, P. E. Asst. Prof. † (21)		P. & S.	421 W. 121
Howson, R. Bibliographer and Asst. to Lib'n † (6)		102 L.	13th St., Flushing, N. Y.
Hoyt, R. Instr. (30)		P. & S.	375 Park ave.
Hubbard, B. Asst. (35)	M. W. 5-6; Tu. 9-12; Th. 9-11	S. 101	Furnald
Hubbard, Grace A. Assoc. Prof. (16)	Absent on leave 1915-16		
Huber, F. Prof. (25)		P. & S.	209 E. 17
Hull, Helen R. Asst. (35)	Tu. Th. 1-2	137 B.	541 W. 123
Hunt, C. W. Asst. Sec. T. C. † (5)	M. W. 2-4; F. S. 10-12	T.	531 W. 124
Hunt, Mrs. C. W. Asst. † (3)	Tu. Thu. 4; W. 3	T.	551 W. 124
Hunt, E. L. Asst. Prof. (24)		P. & S.	41 E. 63
Huntington, G. S. Prof. † (10)		P. & S.	Hartsdale, N. Y.
Hurwitz, W. C. Clin. Asst. 37)		V. C.	45 W. 113
Hutchinson, Emilie J. Instr. (30)	M. 2:30-3; Tu. 2:30-3:30	308 B.	Brooks
Hutchinson, Mary E. Prin. Tr. Sch. Sloane Hosp'l			447 W. 59
Huttman, Maude A. Instr. (30)	Tu. 11-11:30; Th. 2-2:30; F. 9:30- 10; 11-12	337 B.	134 W. 75 257 W. 86
Hutton, F. R. Emer. Prof. † (6)		P. & S.	257 W. 86
Hutton, L. Asst. (35)		503 Hm.	527 W. 124
Imbert, L. Instr. † (30)	Tu. Th. 10:30	401 P.	668 Riverside dr.
Jackson, A. V. W. Prof. † (11)	M. 5	408 E.	930 President, Bklyn.
Jackson, D. D. Asst. Prof. † (22)	M. F. 10-11		555 Madison ave. 19 E. 47
Jackson, F. W. Prof. (15)		P. & S.	131 W. 70
Jacobi, A. Emer. Prof. (6)		V. C.	39 Claremont ave.
Jacobus, A. M. Clin. Asst. (37)		303 U.	471 Park ave.
Jacoby, H. Prof. † (11)	Daily 9-10	P. & S.	8 W. 77
Jaeger, C. H. Instr. (30)		V. C.	123 E. 62
Jagle, E. C. Clin. Asst. (38)		P. & S.	17 W. 54
James, H. Instr. (30)		P. & S.	515 Park ave.
James, W. B. Prof. † (13)			
Janvrin, E. R. P. Instr. (30)			
Jessup, D. S. D. Instr. and Univ. Med. Visitor † (30)	Daily 5-6 and by appointment		601 W. 113

Name	Office Hours	Office	Residence
Johnson, A. B. Prof. † (25)		P. & S.	Beacon Heights, Tuckahoe, N. Y.
Johnson, D. W. Assoc. Prof. † (21)	Tu. Th. 11-12	404 S.	99 Claremont ave.
Johnson, G. E. Lect.		T.	
Johnson, H. Prof. † (16)	Tu. Th. 2-3	320 T.	501 W. 120
Jolliffe, R. N. Lect. (39)		T.	
Jones, Anna A. Sec. Boys' H. S. (40)		H. M. S.	
Jones, A. L. Assoc. Prof. and Dir. Univ. Admissions† (17)	Daily 10-12; M. Tu. Th. F. 2-4		
Jones, Helen F. W. Tr. (41)		323 U.	430 W. 116
Jordan, D. Asst. Prof. † (16)	M. W. F. 10-11	H. M. S.	Whittier
Judd, E. K. Asst. Prof. † (24)	W. F. 9-12	311 Hm.	419 W. 115
Kammerer, F. Prof. † (25)		403 M.	Palisade, N. J.
Kandel, I. L. Assoc. (38)	W. 9-10	P. & S.	51 E. 66
Kasner, E. Prof. (15)	M. W. 11:50 S. 10	T.	509 W. 122
Kaufmann, J. Prof. (25)		309 B.	
Keator, Maud, Tr. (41)		505 F.	
Keller, E. Instr. (30)		P. & S.	52 E. 58
Keller, F. R. Instr. (30)	Tu. W. 11-12	Sp. S.	Whittier
Keller, Helen R. Lib'n Sch. Journ. (6)		438 B.	Brooks
Kemp, J. F. Prof. † (11)		508 E.	446 W. 23
Kendall, G. V. Instr. (30)	M. 11:15-12; Tu. 2:30-3	303 J.	618 W. 114 211 W. 139
Kendall, J. Asst. Prof. † (24)	Daily 10-11	618 Hm.	2940 B'way
Kendrick, B. B. Asst. Prof. † (24)	W. F. 11-12	608 Hv.	601 W. 136
Kennedy, E. T. Asst.		504 J.	205 Puritan ave., Forest Hills, L. I.
Kent, Alice D. Tr.		Gym.	
Kenyon, Mrs. Josephine H. Lect. (39)		H. M. S.	537 W. 121
Keppel, F. P. Dean Col. Coll. † (17)	M.-F.	T.	57 W. 58
Kern, E. F. Asst. Prof. (20)	M.-F. 11-12	208 Hm.	415 W. 117
Kernan, J.D., Jr. Asst. † (35)		404 M.	Livingston
Keyes, H. B. Asst. Prof. † (23)	Daily 2-4	P. & S.	719 St. Nicholas ave.
Keyes, Maud V. Tr. (41)		161 T.	400 W. 118
Keyser, C. J. Prof. † (14)	M. W. 3:30	H. M. S.	501 W. 120
Kiliani, O. G. T. Prof. † (25)		401 East	Hotel Clendening
Kilpatrick, Mrs. W. H. Asst. Soc. Dir. T. C.	Daily 2-4	P. & S.	44 W. 77
Kilpatrick, W. H. Assoc. Prof. † (20)	Tu. Th. 3-4	T.	106 Morningside dr.
Kingsley, R. Instr. (30)		314 T.	106 Morningside dr.
Kinne, Helen, Prof. (12)	M. W. 11	P. & S.	46 W. 83
Kirchwey, Clara B. Tr. (40)		113 H. A.	501 W. 120
Kirchwey, G. W. Prof. † (10)	Absent on leave 1915-16	H. M. S.	515 W. 122
Kirchwey, Mary F. Tr. (41)			54 Morningside dr.
Kirkpatrick, T. B. Instr. (30)		H. M. S.	
Kline, B. S. Instr. (30)		P. & S.	Livingston
Knapp, A. H. Prof. † (14)		P. & S.	10 E. 54

Name	Office Hours	Office	Residence
Knapp, C. Prof. † (13)	Th. 4-6	331 B.	1737 Sedgwick ave.
Knapp, C. W. Instr. (30)		P. & S.	36 W. 55
Knappen, R. S. Asst. (35)	M. Tu. Th. 1	301 S.	Hartley
Kneip, Helene, Asst. (41)		H. M. S.	106 Morningside dr.
Knox, Rev. R. C. Chaplain † (6)	M.-F. 3-4	E. H.	413 W. 117
Kohn, B. Clin. Asst. (38)		V. C.	31 W. 115
Kraft, W. J. Tr. † (38)	Tu. Th. 4	H. M. S.	201 N. B'way, Yonkers, N. Y.
Kramer, S. D. Asst. (35)		P. & S.	
Krapp, G. P. Prof. † (18)	Tu. Th. S. 9-10	611 P.	351 W. 114
Kraus, W. M. Instr. (30)		P. & S.	
Franklin, Mrs. F. Lect. † (34)	Tu. 2-3	513 S.	527 W. 110
La Fetra, L. E. Assoc. † (26)		P. & S.	113 E. 61
Lamb, A. R. Instr. † (30)		P. & S.	171 E. 71
Lambert, A. V. S. Assoc. Prof. † (21)		P. & S.	168 E. 71
Lambert, R. A. Assoc. (26)		P. & S.	Livingston
Lambert, S. W. Prof. and Dean of Med. Sch. † (14)		P. & S.	130 E. 35
Lamond, F. Lect. †		T.	12 W. 10
Langford, Grace, Instr. (31)		232 B.	70 Morningside dr.
Laporte, G. L. Asst. Prof. (25)		P. & S.	138 E. 80
Larkin, J. H. Asst. Prof. † (15)		P. & S.	498 W. 130
Latham, Azubah J. Asst. Prof. (19)	Tu. 2:30-3; Th. 11	213 T.	611 W 111
Latham, Helen, Instr. (38)		T.	111 W. 111
Latham, Minor W. Instr. (31)	M. Tu. 10-11	137 B.	509 W. 121
Lawrence, Lillie M. Tr. (40)		H. M. S.	414 W. 120
Lawrence, W. W. Assoc. Prof. (16)	M. W. 11-12	605 P.	618 W. 114
Leahy, S. R. Clin. Asst. (37)		V. C.	Kings Co. Hosp'l, Bklyn.
Lee, Emma D. Lib'n App. Sci. Lib. (6)	Daily 12-1; 3-5	307 E.	520 W. 122
Lee, F. S. Prof. † (11)		P. & S.	125 E. 65
Lefferts, G. M. Emer. Prof. † (6)			Katonah, N. Y.
Lellman, W. O. L. Clin. Asst. (37)		V. C.	233 W. 83
Lemus, M. A. Clin. Asst. (37)		V. C.	
Leopold, J. S. Asst. (35)		P. & S.	701 Madison ave.
Leshure, J. Instr. † (31)		P. & S.	423 Convent ave.
Leslie, E. H. Asst. (35)	Tu. Th. 9:30-10	112 Hv.	49 Claremont ave.
Leslie, F. G. Instr.		Phar.	905 Jackson ave.
Levin, I. Assoc. † (26)		C. R. L.	119 W. 71
Levine, S. Clin. Asst. (38)		V. C.	
Levine, V. E. Asst. (35)		P. & S.	34 St. Mark's pl.
Lewis, R. W. Asst. (35)		P. & S.	
Lewis, R. Prof. † (25)		P. & S.	48 W. 40
Libman, E. Prof. (25)		P. & S.	180 E. 64
Lieb, C. C. Asst. Prof. (22)		P. & S.	50 Central pk. W.
Liggett, Mrs. N. W. Bursar of B. C. (5)	M. Tu. F. 10-4; S. 10-12	B.	404 Riverside dr.
Lindsay, S. M. Prof. † (16)	Tu. Th. 3-5	611 K.	501 W. 120
Livingston, A. A. Asst. Prof. (20)		505 P.	1115 Amsterdam ave.
Lobenstine, R. W. Instr. † (31)		P. & S.	162 E. 71
Lockhart, A. I. Tr. † (40)		H. M. S.	527 W. 124
Lockwood, D. P. Asst. Prof. and Acting Lib'n † (18)	Daily 10-11	L.	404 W. 115

Name	Office Hours	Office	Residence
Lockwood, G. R. Prof. † (16)		P. & S.	18 E. 52
Lodge, G. Prof. † (12)	M. W. 4-4:30; Tu. Th. 11-12	228 T.	500 W. 121
Loewi, K. J. Asst. (36)		P. & S.	828 Lexington ave.
Logan, A. Clin. Asst. (40)		V. C.	1320 Madison ave.
Logan, Amy L. Asst. to Prin. H. M. H. Sch.		H. M. S.	434 W. 120
Loiseaux, L. A. Assoc. Prof. † (14)	M. W. F. 1-2	310 Hm.	519 W. 121
Lomer, G. R. Instr. (31)	M. W. 11-12; Tu. 3-4	401 J.	6065 B'way
Long, W. B. Clin. Asst. (38)		V. C.	1257 Washington ave.
Longcope, W. T. Prof. (20)		P. & S.	680 Madison ave.
Lord, H. G. Prof. † (12)	Daily 10-11 Absent on leave second half-year	615 Hm.	623 W. 113
Love, Nellie H. Asst. (41)		H. M. S.	400 W. 118
Lovell, E. B. Prof. † (12)	Tu. 1-2; Th. 9-10	409 E.	67 Myrtle ave., Montclair, N. J.
Lowens, H. Clin. Asst. (38)		V. C.	303 St. Anne's ave.
Lowson, Jessica L. Asst.		T.	419 W. 119
Lowther, Mrs. Florence de L. Asst. (36)		416 B.	610 Riverside dr.
Lucke, C. E. Prof. † (15)	M.-Th. 9-5	608 E.	544 W. 142
Lunt, F. S. Tr. (40)		H. M. S.	
Luquer, L. McI. Asst. Prof. † (14)	Absent on leave second half-year		
Lyle, H. H. M. Prof. † (25)		P. & S.	50 E. 53
Lynch, J. B. Instr. (31)		P. & S.	151 W. 74
Lyons, E. C. Jr., Clin. Asst. (37)		V. C.	128 W. 59
McAlpin, K. R. Asst. (36)		P. & S.	125 E. 57
McBain, H. L. Assoc. Prof. † (22)	Tu. Th. 10	711 Hm.	456 Riverside dr.
McBurney, M. Instr. (31)		P. & S.	
McCall, W. A. Lect.	M. 2; W. 11	T.	
McCarthy, J. F. Instr. (31)		P. & S.	40 E. 41
McCastline, W. H. Univ. Med. Officer (6)	Daily 9:30-12	E. H.	549 Riverside dr.
McCormick, Mary G. Instr. (38)	W. 3	T.	419 W. 119
McCrea, N. G. Prof. (12)	M. Tu. 3:30-4	709 P.	430 W. 119
McCreery, J. A. Instr. (31)		P. & S.	202 W. 82
McEwen, R. S. Asst. (36)	Daily 9-5	602 S.	Hartley
McFarlane, C. T. Prof. and Controller of T. C. † (19)	M.-F. 10-12	T.	500 W. 121
McGiffert, A. C. Acting Pres't and Prof. in U. T. S. †		U. T. S.	B'way and 120
McGowan, Mrs. Ellen B. Instr. (38)	W. F. 1	T.	281 Edgecombe ave.
McGregor, J. H. Assoc. Prof. (16)			
McKendree, C. A. Instr. (31)		P. & S.	50 Morningside ave.
McKenzie, Isabel, Asst. (36)		338 B.	67 Lenox ave. E. Orange, N. J.
McKeown, Matilda J. Instr. (38)	M. 9; F. 1	T.	549 Riverside dr.
McLean, S. Asst. (36)		P. & S.	776 Madison ave.
McMackin, F. J. Asst. (36)	W. F. 2-3	215 H.	106 Convent ave.
McMillan, Anna, Asst. (39)		T.	501 W. 120
McMurry, F. M. Prof. † (12)	Absent on leave 1915-16		

Name	Office Hours	Office	Residence
McVey, Mabel F. Tr. (40)		H. M. S.	419 W. 119
McWhorter, J. E. Instr. (31)		P. & S.	Tenafly, N. J.
McWilliams, C. A. Instr. (31)		P. & S.	33 E. 63
MacAlarney, R. E. Assoc. † (26)	Th. 7-8 P.M.	501 J.	500 W. 121
MacCallum, W. G. Prof. (17)	Absent on leave second half-year		981 Madison ave.
Macdonald, Jessie K. Asst. (39)		T.	
MacGowan, J. R. Tr. (40)		H. M. S.	537 W. 121
Macgregor, J. S. Instr. † (31)		308 E.	
MacGuire, C. J., Jr. Instr. and Asst. (31)		P. & S.	120 E. 60
MacKee, G. M. Instr. (31)		P. & S.	58 W. 58
Mackenzie, G. M. Instr. (31)		P. & S.	131 E. 67
MacLay, J. Prof. † (12)	M. F. W. 2-2:30	506 Hm.	312 Summer ave., Newark, N. J.
MacMahon, A. W. Instr. (31)	M. W. F. 1-2; Tu. Th. 11-12	712 Hm.	430 W. 118
Macumber, J. L. Clin. Asst. (37)		V. C.	291 DeKalb ave., Bklyn.
Macy, Cornelia P. Recorder (5)		421 L.	430 W. 119
Main, T. F. Sec. Coll. Phar. (5)		Phar.	Montclair, N. J.
Maltby, Margaret E. Assoc. Prof. (14)	M. W. 1-2	240 B.	400 W. 118
Manchester, Mrs. Melinda I. Instr. (38)	Th. 3-4	T.	508 W. 122
Mann, C. M. Clin. Asst. (37)		V. C.	64 W. 93
Mann, Elizabeth, Asst. (39)	Tu. 11	T.	
Manning, G. R. Clin. Asst. (38)		V. C.	216 W. 100
Mansfield, W. Prof. † (16)		Phar.	E. Orange, N. J.
March, Maud, Instr. (38)	F. 2-4	T.	606 W. 116
Marquette, W. G. Assoc. Prof. † (20)	W. 11-12	513 S.	Pleasantville, N. Y.
Martin, A. T. Instr.		P. & S.	
Martin, C. J. Instr. (38)		T.	
Martin, H. W. Tr. (40)		H. M. S.	
Martin, M. A. Asst. † (36)			
Martin, W. Prof. (25)		P. & S.	25 W. 50
Maslon, B. Lab. Asst.		Phar.	71 Second
Mason, D. G. Asst. Prof. † (18)	M. 4-4:30	703 J.	207 W. 55
Mason, F. L. Instr. † (31)	W.-F. 9-12	501 E.	280 E. 166
Mason, H. H. Instr. † (31)		P. & S.	134 E. 74
Mason, J. L. Lect.		T.	
Masson, H. J. Asst. † (36)	M. W. 9-12	206 Hv.	2461 Elm pl.
Mastick, S. C. Non-res. Lect. † (34)			Pleasantville, N. Y.
Mathews, F. S. Asst. Prof. (22)		P. & S.	62 W. 50
Matthews, B. Prof. † (11)	Absent on leave second half-year		337 W. 87
Matthews, F. Assoc. Prof. (22)	M. W. F. 3-5; Tu. Th. 1-5	501 J.	427 Manor ave., Woodhaven, L. I.
Mayer, R. E. Assoc. Prof. † (13)	M.-F. 9-11; 1-4; S. 9-11	602 E.	151 Prospect ave., Mt. Vernon, N. Y.
Meeker, C. H. Asst. (39)	M. 3	T.	117 W. 130
Meier, H. F. A. Asst. † (36)		S.	
Méras, A. A. Asst. Prof. (42)	M. W. 11-12	231 T.	9 Elmhurst ave., Elmhurst, L. I.
Mersereau, W. J. Asst. † (36)		P. & S.	294 W. 92
Messer, W. S. Instr. † (31)	W. 10:30	340 B.	434 W. 120
Metcalf, T. N. Assoc. † (26)		Gym.	Livingston

Name	Office Hours	Office	Residence
Metzger, F. J. Asst. Prof. † (19)	M. W. F. 11-12	305 Hv.	50 Morningside dr.
Meyer, Anna E. H. Registrar of B. C. (5)	M.-F. 10-12; 2-4; S. 10-12	110 B.	15 Cedar Pl., Yonkers, N. Y.
Meylan, G. L. Assoc. Prof. and Med. Dir. of Gym. † (14)	M. W. F. 10-11; 1-5; Tu. Th. 1-5; S. 10-12	Gym. P. & S.	468 W. 141 5 W. 91
Michaelis, A. Instr. (31)		502 Hm.	4 Lorillard Hall, Chelsea sq.
Miller, D. S. Prof. (16)	Tu. Th. 4	P. & S. 308 E.	31 W. 61 1825 Eastchester rd., Westchester
Miller, E. G., Jr. Assoc. (26)		V. C.	901 E. 172
Miller, F. Asst. (36)	M.-F. 2-5	P. & S. 603 E.	379 Park ave.
Miller, I. Clin. Asst. (38)		V. C.	West Nyack, N. Y.
Miller, J. A. Prof. † (18)		312 Hm.	330 E. 72
Miller, R. F. Lib'n Col. Coll. † (6)	Daily 9-5	603 E.	80 Washington sq., E.
Miller, S. O. Asst. Prof. (20)	M.-F. 2-4	V. C.	37 W. 10
Mislig, M. Clin. Asst. (37)		304 Hm.	103 E. 86
Mitchell, H. B. Prof. (15)	W. 10-11	213 L.	530 W. 142
Mitchell, W. C. Prof. † (23)	M. W. 3:30-4	611 Hv.	Livingston
Mixsell, H. R. Clin. Asst. (37)			44 Prospect dr., Yonkers, N. Y.
Mohr, W. R. Chief Clerk	M.-F. 9-5; S. 9-12		
Monroe, K. P. Asst. (36)			
Monroe, P. Prof. † (12)	Absent on leave second half-year		
Montague, W. P. Assoc. Prof. † (16)	W. 10-11 W. 2-4	335 B. 707 P.	600 W. 115
Montgomery, R. H. Asst. Prof. † (23)	Tu. Th. 6-6:30	503 J.	525 West End ave.
Mook, C. C. Lect. † (34)		B.	Palisade, N. J.
Mook, Mrs. C. C. Lect. (34)	Tu. 10-11	407 B.	28 Warren ave., Palisade, N. J.
Moon, P. T. Instr. (31)	M. 2-5; Th. 2-3	704 Hm.	509 W. 121
Moore, Annie E. Instr. (38)		T.	419 W. 119
Moore, F. G. Prof. † (18)	Tu. T. 11-12	504 Hm.	15 Claremont ave.
Moore, H. L. Prof. † (13)	S. 10	501 K.	Cornwall, N. Y.
Moore, J. B. Prof. † (10)	M. Tu.	513 K.	267 W. 73
Morecroft, J. H. Assoc. Prof. (18)	W. 11-12	203 P.	Palisade, N. J.
Morgan, J. J. B. Asst. † (36)	M. W. 10-11	514 S.	537 W. 133
Morgan, J. L. R. Prof. † (12)	Daily 9-10	411 Hv.	350 W. 55
Morgan, O. S. Prof. † (20)	M. Tu. W. 11-12	511 S.	400 Convent ave.
Morgan, T. H. Prof. † (14)	M. 9-10	S.	409 W. 117
Morgulis, S. Instr. (31)	P. & S.		948 Trinity
Morris, D. H. Asst., (36)		C. R. L.	161 W. 87
Morse, L. B. Instr. † (31)	Th. 4	410 F.	473 Grand ave., Leonia, N. J.
Moschcowitz, A. V. Prof. (25)		P. & S.	925 Madison ave.
Moses, A. J. Prof. † (10)		307 S.	
Moss, Helen J. Custodian H. M. Sch. Library (40)		H. M. S.	457 W. 123
Moss, L. D. Asst. Prof. † (24)		510 E.	248 W. 131
Mudge, Isadore G. Ref. Lib'n (6)	Daily 10-5	L.	163 Lexington ave.
Muller, Berthe, Tr.		H. M. S.	423 W. 120.



Name	Office Hours	Office	Residence
Muller, H. F. Asst. Prof. † (23)	Absent on leave 1915-16		
Mullins, G. W. Instr. † (31)	M. W. F. 3-4	408 B.	418 W. 118
Mumford, R. W. Asst. † (36)		110 Hv.	35 St. Nicholas terrace
Munroe, H. S. Emer. Prof. † (7)			118 W. 72
Murchison, C. T. Lect. (34)	Tu. Th. 10-11	706 Hm.	633 W. 115
Mussey, H. R. Assoc. Prof. † (17)	Absent on leave second half-year		
Muzzey, D. S. Assoc. Prof. † (21)	Tu. Th. 11-12	338 B.	492 Van Cortlandt Pk. ave., Yonkers, N. Y.
Nagle, W. J. Tr.		H. M. S.	Furnald
Neergaard, A. E. Instr. (31)		P. & S.	617 West End ave.
Neish, A. C. Asst. Prof. † (23)	M.-F. 10-11	610 Hv.	130 Claremont ave.
Neitz, J. D. Tr. (40)		H. M. S.	
Nelson, F. A. Assoc. † (26)	Tu. F. 2-5	602 A.	303 Highland ave., Upper Montclair, N. J.
Nelson, J. M. Asst. Prof. † (23)	Daily 9-5	409 Hv.	531 W. 124
Nichols, C. L. Clin. Asst. (37)		V. C.	
Norrie, V. H. Prof. (16)		P. & S.	21 W. 37
Norris, H. L. Supt. Bldgs. and Grounds (6)	Daily 10-11	110 L.	Livingston
Norsworthy L. D. Asst. Prof. (22)	Tu. W. 10-11	401 E.	130 Claremont ave.
Norsworthy, Naomi, Assoc. Prof. (17)	M. W. 3; Tu. Th. 10	337 T.	130 Claremont ave.
Norton, N. R. Instr. † (31)		P. & S.	113 E. 70
Noyes, Clara D. Lect. (39)		T.	Bellevue Hosp'l
Noyes, W. Asst. Prof. † (19)	Tu. Th. 10-11	232 T.	216 Hillside ave, Leonie, N. J.
Nutting, Mary A. Prof. (16)	M. W. Th. 10-12; 3-4	109 H. A.	501 W. 120
Oastler, F. R. Prof. † (25)		P. & S.	126 W. 59
O'Connell, Marjorie, Curator (34)		104 S.	
Odell, G. C. D. Prof. (13)	M. 3; Th. 2:30	604 Hm.	44 W. 44
Oehler, J. C. Asst. Prof. † (15)		Phar.	Carlstadt, N. J.
Ogilvie, Ida H. Asst. Prof. (21)	Tu. Th. 10-11	214 B.	25 Claremont ave.
Oppenheimer, B. S. Asst. Prof. (25)		P. & S.	125 W. 86
Osborn, H. F. Prof. † (10)		Am. Mus. Nat. Hist.	850 Madison ave.
Osborne, J. I. Instr. (32)	W. S. 10-12	610 Hm.	Livingston
Osgood, C. Clin. Asst. (37)		V. C.	58 Central pk. W.
Osgood, H. L. Prof. † (10)		613 K.	526 W. 150
Ottenberg, R. Instr. (32)		P. & S.	15 W. 89
Owens, R. B. Lect. (34)			
Pace, H. St. C. Prof. (24)		Phar.	115 W. 68
Packard, C. Instr. † (32)	M. W. 10-12	605 S.	Pleasantville, N. Y.
Painter, H. M. Prof. † (15)		P. & S.	62 W. 55
Panuska, F. C. Instr. (38)	F. 9-11	T.	428 E. 77
Pappenheimer, A. M. Asst. Prof. (22)		P. & S.	309 W. 99
Pardee, H. E. B. Instr. (32)		P. & S.	156 E. 61
Parker, G. S. Asst. (36)	Tu. 9-10; F. 9-12	501 E.	Furnald
Parker, Linette A. Instr. (38)		T.	509 W. 121

Name	Office Hours	Office	Residence
Parr, H. L. Asst. Prof. † (19)	M. Th. 10-11	304 E.	35 Gilbert pl., Yonkers, N. Y.
Partenheimer, H. P. Asst. (36)	M.-Th. 4-5	421 Hv.	610 W. 115
Patrick, Sara L. (38)		T.	420 W. 119
Patterson, F. A. Asst. Prof. and Asst. to Dir. S. S. and Ext. Teaching † (23)	Daily 10-12; 2-4	301 U.	22 Arden pl., Yonkers, N. Y.
Patterson, H. S. Asst. Prof. † (21)		P. & S.	130 E. 62
Peabody, Mary G. Tr. (41)		H. M. S.	400 W. 118
Peacock, Mary H. Instr. (38)		T.	Whittier
Pearson, H. C. Prin. H. M. S. † (14)	M. Tu. Th. 2-3; W. 8:45-10	H. M. S.	501 W. 120
Peck, C. H. Prof. † (17)		P. & S.	30 W. 50
Peck, Florence E. Registrar of T. C. (5)	M.-F. 9-4:30; S. 9-12	104 T.	435 W. 123
Peckham, G. Asst. (34)	Th. 3-4	705 P.	Faculty Club
Peele, R. Prof. (11)	M. Tu. Th. F. 10-11	405 M.	490 West End ave.
Pegram, G. B. Assoc. Prof. † (17)		406 F.	Livingston ave., Riverdale
Perez, Andres Lect. (34)	M. W. F. 9:50-10	508 Hm.	38 W. 93
Perkins, Mrs. Florence M. Tr. (40)		H. M. S.	175 Claremont ave.
Perlzweig, W. A. Asst. (36)		P. & S.	1421 Prospect ave.
Perry, E. D. Prof. † (10)	W. 2:30-3:30	708 P.	542 W. 114
Peters, H. LeB. Clin. Asst. (37)		V. C.	Bridgeport, Conn.
Peters, Ruth, Tr. (40)		H. M. S.	256 W. 84
Phelps, Alice E. Tr. (40)		H. M. S.	418 W. 118
Phelps, G. M. Asst. † (36)		P. & S.	155 E. 79
Pickhardt, O. C. Asst. (36)		P. & S.	1042 Madison ave.
Pike, F. H. Asst. Prof. † (20)		P. & S.	Tenafly, N. J.
Pillsbury, Mary E. Asst. (39)	Tu. F. 11-12	T.	969 Amsterdam ave.
Pitkin, W. B. Assoc. Prof. † (21)	Absent on leave second half-year		Dover, N. J.
Plough, H. H. Asst. (36)	Daily 1-2	602 S.	2805 Creston ave., Bronx
Poffenberger, A. T., Jr. Instr. (32)		409 S.	405 W. 118
Pomeroy, C. H. Bursar of T. C. † (5)	M.-F. 9-4:30; S. 9-12	102 T.	430 W. 119
Pool, E. H. Prof. † (24)		P. & S.	107 E. 60
Poor, C. L. Prof. † (15)	W. 2	614 F.	35 E. 69
Pope, Helene M. Asst. (39)	M. Th. 1-2	T.	519 W. 123
Porterfield, A. W. Instr. † (32)	M. W. 2-3	114 B.	50 Morningside dr.
Potter, N. B. Asst. Prof. † (18)		P. & S.	591 Park ave.
Powell, Madeline A. Nurse (41)		Sp. S.	
Powell, T. R. Assoc. Prof. † (22)	Tu. Th. 2-3	511 K.	567 W. 113
Pratt, E. L. Clin. Asst. (37)		V. C.	41 W. 83
Pratt, Isabelle L. Recorder of T. C. (5)	M.-F. 10-12; 3-4; S. 10-12	107 T.	221 W. 104
Pratt, Marion R. Exec. Sec. H. M. S. (40)		H. M. S.	221 W. 104
Preissig, V. Lect. (38)		T.	129 E. 85
Prescott, Harriet B. Sup. in Lib. (6)		205 L.	36 Gramercy pk.
Preston, G. B. Asst. Prof. † (22)	Tu. W. 11-12	607 E.	200 Sylvan ave., Leonla, N. J.

Name	Office Hours	Office	Residence
Prettyman, V. Prin. H. M. Sch. for Boys † (12)	M.-Th.; S. 4-5	H. M. S.	W. 246
Prévot, M. Assoc. † (27)	Absent on leave 1915-16		
Prime, F., Jr. Assoc. † (27)		C. R. L.	131 E. 66
Prince, J. D. Prof. † (13)	M. W. 11:30-12	406 P.	Ringwood Manor, N. J.
Proben, C. I. Instr. † (32)		P. & S.	160 E. 71
Prudden, T. M. Emer. Prof. (7)			160 W. 59
Pupin, M. I. Prof. (11)	Absent on leave 1915-16		
Purvis, Susie E. Asst. (39)	M. W. 2-3	T.	417 W. 120
Putnam, Mrs. Emily J. Assoc. † (27)	10-11 by appointment	336 B.	335 W. 86
Rainsford, L. F. Instr. (32)		P. & S.	981 Madison ave.
Ramsdell, E. G. Instr. (32)		P. & S.	White Plains, N. Y
Randel, Lillian, Lib'n Boys' H. M. H. Sch. (40)		H. M. S.	126 E. 83
Rankin, Mary E. Instr. (38)		T.	501 W. 120
Rautenstrauch, W., Prof. † (16)		511 E.	Palisade, N. J.
Raymond, R. M. Prof. (24)	Tu. Th. 1-2	407 M.	401 Riverside dr.
Raynor, Nina F. Tr. (40)		H. M. S.	421 W. 118
Redfield, H. S. Prof. † (13)	Absent on leave second half-year		1925 Seventh ave.
Rehberman, J. F. Clin. Asst. (37)		V. C.	
Reigrod, C. Clin. Asst. (37)		V. C.	1655 Washington ave.
Reimer, Marie, Assoc. Prof. (17)	Absent on leave second half-year		420 W. 118
Remer, J. Clin. Asst. (38)		V. C.	58 W. 58
Remy, A. F. J. Assoc. Prof. (16)	Tu. Th. 4-5	511 P.	204 W. 141
Remy, F. J. Clin. Asst. (37)		V. C.	253 W. 58
Reuben, M. S. Asst. (36)		P. & S.	1967 Seventh ave.
Reynolds, J. E. Assoc. Prof. † (22)			
Rhett, W. M. Instr. (32)		P. & S.	57 W. 58
Richards, H. M. Prof. † (13)	M. W. 10	318 B.	411 W. 114
Richards, Mrs. H. M. Lect. (34)	W. 10-11	313 B.	411 W. 114
Richman, A. Clin. Asst. (37)		V. C.	
Riley, H. A. Instr. (32)		P. & S.	125 W. 92
Ripley, W. Z. Lect. † (34)	M. 12-1	514 K.	Newton Centre, Mass.
Robbins, Ida E. Tr. (40)		H. M. S.	435 W. 119
Robbins, Very Rev. W. L. Dean Gen. Theol. Sem. (13)		G. T. S.	1 Chelsea sq.
Robert, A. L. Lib'n Med. Sch. (6)	Daily 9-5	P. & S.	438 W. 57
Robert, Mme., M. L. Tr. † (40)		H. M. S.	1115 Amsterdam ave.
Robinson, Ethel M. Asst. (39)		T.	131 E. 15
Robinson, J. H. Prof. † (11)	Tu. Th. 9:30-10; W. 3:30-4	601 K.	924 West End ave
Robinson, L. B. Clin. Asst. (38)		V. C.	152 Sherman ave.
Rockwell, Bertha L. Lib'n of B. C. (6)		B.	322 E. 197
Rockwell, W. W. Asst. Prof. in U. T. S. †		U. T. S.	B'way and 120
Roff, A. W. Clin. Asst. (37)		V. C.	68 W. 92
Rogers, O. H. Lect. (34)		P. & S.	346 Broadway

Name	Office Hours	Office	Residence
Rohdenburg, G. L. Asst. (36)		C. R. L.	222 W. 136
Rohr, Mary E. Tr. (41)		H. M. S.	
Rosanoff, L. Lect.		T.	
Rose, Mrs. A. R. Asst. Prof. † (19)	Tu. Th. 11-12	415 H. A.	449 W. 123
Roselli, B. Lect. (34)			
Rosen, I. Clin. Asst. (38)		V. C.	368 W. 118
Rosenthal, A. Clin. Asst. (37)		V. C.	51 E. 96
Ross, F. A. Asst. (36)	M. W. 10-11	503 K.	Livingston
Rowe, Alice E. Tr.		H. M. S.	
Rübner, C. Prof. † (15)	Th. 10-11	703 J.	316 W. 94
Ruger, H. A. Asst. Prof. † (19)	W. 2; F. 10; 2-4	329 T.	854 W. 181
Rusby, H. H. Prof. and Dean		Phar.	776 De Graw ave., Newark, N. J.
Coll. Phar. † (15)			
Rusk, Hester M. Asst. (36)		313 B.	1478 Bedford ave., Bklyn.
Russell, G. P. Asst. (36)		Hv.	25 West 65
Russell, J. E. Prof. and Dean			
of T. C. † (12)	M.-F. 10	105 T.	500 W. 121
Russell, J. I. Instr. (32)		P. & S.	37 E. 61
Russell, Martha M. Supt.			
Sloane Hosp'l		S. H.	447 W. 59
Ryder, G. H. Instr. (32)		P. & S.	45 W. 50
Sachs, J. Prof. † (13)	Tu. Th. 3; S. 10	227 T.	225 W. 86
Sait, E. M. Asst. Prof. † (21)	M. 3-4; W. 10-11	508 J.	Oradell, N. J.
Sammis, J. F. Asst. (36)		P. & S.	272 W. 90
Sanborn, V. G. Asst.		Gym.	468 Riverside dr.
Sanford, Laura, Sec. Phys.			
Ed. T. C.		T.	90 Morningside dr.
Saunders, T. L. Instr. † (32)		P. & S.	45 W. 50
Saville, M. H. Prof. † (14)	M. W. 9-10	706 J.	292 W. 92
Sawyer, C. P. Press Repre-			
sentative †			20 Vesey
Scarlett, A. J., Jr. Asst. (36)	Daily 11-12	410 Hv.	2940 B'way
Schaeberle, F. M. Instr.		Phar.	30 Church
Scheer, M. Clin. Asst. (38)		V. C.	901 Fox
Scheuch, W. A. Asst. (36)	Daily 11-12	512 M.	3302 Hull ave.
Schloss, O. M. Asst. (36)		P. & S.	172 W. 79
Schnepel, G. A. Clin. Asst. (38)		V. C.	238 W. 106
Schoenberg, M. J. Instr. (32)		P. & S.	103 E. 81
Schroeder, F. C. Asst. Prof. † (22)	M. Th. 2-3	606 F.	220 Wadsworth ave.
Schulman, M. Instr. (32)		P. & S.	1845 Seventh ave.
Schulte, H. von W. Assoc.			
Prof. † (17)		P. & S.	202 W. 86
Schulze, H. H. L. Asst. Prof. † (24)	Tu. Th. 11-12	608 J.	43 Ridge drive,
Tu. 2-3		409 Hm.	Yonkers, N. Y.
Schuyler, R. L. Asst. Prof. † (20)	M. W. 11-12	718 Hm.	622 W. 137
Schwartz, L. H. Clin. Asst. (37)		V. C.	
Schwerdtfeger, O. M. Instr. (32)		P. & S.	54 E. 58
Scott, E. L. Assoc. † (27)		P. & S.	26 Grove, Bogota, N. J.
Seager, H. R. Prof. † (13)	Absent on leave second half-year		Southport, Conn.
Seaman, Emily C. Instr. (38)	Th. 2	T.	511 W. 112
Seibert, Janet R. Recorder		T.	620 W. 122
Dept. Phys. Ed. T. C. (39)	Daily 4-5		
Seidler, V. B. Asst. (36)		P. & S.	
Seligman, E. R. A. Prof. † (10)	Tu. Th. 2-3	512 K.	324 W. 86

Name	Office Hours	Office	Residence
Severinghaus, W. L. Instr. (32)	Tu. W. 10-12	405 F.	417 W. 120
Shapleigh, Bertha E. Instr. (39)	Tu. 2-3	T.	508 W. 122
Shapley, Bertha, Asst. (39)		T.	Whittier
Sharp, J. C. Instr. (32)		P. & S.	436-9th, Bklyn.
Sharpe, C. T. Clin. Asst. (38)		V. C.	
Sharpe, N. Clin. Asst. (37)		V. C.	
Sharpe, W. Clin. Asst. (37)		V. C.	20 W. 50
Shear, T. L. Assoc. † (27)			468 Riverside dr.
Shearer, L. H. Instr. † (32)		P. & S.	445 Park ave.
Shenton, H. N. Instr. (32)		503 K.	Livingston
Shepherd, W. R. Prof. † (15)	W. 3-5	612 K.	468 Riverside dr.
Sherman, F. D. Prof. † (10)	M.-F. 12:30-1	409 A.	501 W. 110
Sherman, H. C. Prof. † (15)	Absent on leave 1915-16		
Shields, F. S. Clin. Asst. (37)		V. C.	
Shookhoff, C. Clin. Asst.		V. C.	589 Lorimer, Bklyn.
Shotwell, J. T. Prof. † (15)	M. 4:10-5; W. 9-10	508 K.	536 W. 113
Siceloff, L. P. Asst. Prof. † (21)	Tu. Th. 9-10	210 Hm.	Palisade, N. J.
Silver, L. M. Asst. † (36)		P. & S.	103 W. 72
Simkhovitch, V. G. Prof. † (15)	Tu. Th. 1-2	514 K.	26 Jones
Simon, M. J. Clin. Asst. (37)		V. C.	
Simpson, W. B. Clerk, Coll. Phar. † (5)	Daily 9-5	Phar.	44 Morton pl., E. Orange, N.J.
Singer, D. A. Clin. Asst. (37)		V. C.	42 W. 114
Sittenfield, M. J. Instr. (32)		P. & S.	73 E. 90
Sleffel, C. C. Asst. Prof. † (20)	Tu. 10-11 W. F. 4-4:30	207 E.	
Slichter, W. I. Prof. † (18)	W. F. 10-11	T.	195 Claremont ave.
Sloane, W. M. Prof. † (12)	W. 2:15	504 E.	450 Riverside dr.
Slosson, E. E. Assoc. † (27)		603 K.	163 E. 74
Smernoff, A. A. Clin. Asst. (37)		607 J.	530 W. 123
Smith, A. Prof. † (20)	M. F. 10-12; Tu. Th. 10-11; 2-3	V. C.	601 W. 177
Smith, C. H. Instr. (32)		302 Hv.	593 Riverside dr.
Smith, D. E. Prof. † (13)	Tu. Th. 10	P. & S.	257 W. 74
Smith, Emma P. Sec. for Women Grad. Students (6)	M. W. F. 3-5; Tu. Th. 10-12	212 T.	Hotel Bretton Hall
Smith, E. R. Ref. Lib'n, Avery Lib. (6)		301 P.	Brooks
Smith, H. G. Clin. Asst (37).		A.	Hartley
Smith, Munroe, Prof. † (10)	M. Th. 2-3	V. C.	Cedar Grove, N. J.
Smith, M. DeF. Clin. Asst. (37)		402 K.	70 W. 49
Snyder, E. J. Clin. Asst. (38)		V. C.	
Snyder, R. G. Instr. (32)		V. C.	
Sonnenschien, H. D. Clin. Asst. (37)		P. & S.	375 Park ave.
Southall, J. P. C. Asst. Prof. † (23)		V. C.	1348 Lexington ave.
Southard, Lydia, Instr. (39)		608 F.	106 Morningside dr.
Spohn, Adelaide A. Instr. (39)		T.	Whittier
Spohn, Lydia, Instr. (39)		T.	106 Morningside dr.
Spohr, Wilhelmina, Instr. (39)	Tu. Th. 10-12	T.	501 W. 120
St. John, F. B. Instr. (32)		P. & S.	981 Madison ave.
Stackpole, Caroline E. Instr. (39)	M. Tu. W. 1-2	T.	523 W. 121
Stadtmüller, N. Prof. (25)		P. & S.	132 E. 60
Starr, M. A. Emer. Prof. † (7)			5 W. 54

Name	Office Hours	Office	Residence
Steele, Roxana A. Tr. (41)		H. M. S.	540 W. 114
Steeves, H. R. Asst. Prof. and Asst. Dir. Univ. Ad- missions † (23)	M. Tu. Th. F. 3-4 W. 10-11	322 U. 610 Hm. V. C.	596 Riverside dr.
Steinke, F. Clin. Asst. (38)		507 F.	832 Washington ave.
Stempel, W. M. Asst. † (36)		V. C.	609 W. 114
Stephenson, J. W. Clin. Asst.		V. C.	116 W. 45
Stern, L. Clin. Asst. (37)		V. C.	135 W. 47
Stetson, D. D. Clin. Asst. (38)		P. & S.	115 W. 87
Stetten, D. Instr. † (32)		V. C.	New Rochelle, N. Y.
Stevens, C. T. Clin. Asst. (38)			
Stevens, Romiett, Asst. Prof. (21)	M. W. 3-4; S. 9-10.	227 T.	130 Claremont ave.
Stevenson, H. N. Asst. † (36)		C. R. L.	New Rochelle, N.Y.
Stewart, Isabel M. Instr. (39)	Tu. Th. 10-11	T.	49 Claremont ave.
Stewart, Mary W. Asst. (36)	Tu. Th. 9-10; 3-4	312 B.	1058A Sterling pl., Bklyn.
Stewart, R. R. Asst. (36)	W. F. 9-12	512 S.	512 W. 171
Stifer, W. W. Instr. † (32)	M. W. F. 11-12	305 F.	867 W. 181
Stillman, A. Instr. (33)		P. & S.	35 E. 39
Stone, Cornelia H. Asst. (39)		T.	450 Riverside dr.
Stone, H. F. Prof. and Dean Sch. Law † (18)	M. W. F. 11; M. Tu. Th. 12:20		2 Chestnut, Engle- wood, N. J.
Stone, Theo R. Tr. (40)		404 K.	434 W. 120
Stout, A. P. Instr. † (33)		H. M. S.	150 E. 72
Stowell, E. S. Lect. (39)		P. & S.	Briarcliff Manor, N. Y.
Stowell, E. C. Asst. Prof. † (22)	W. 12-1; Th. 3-4	506 J.	435 Riverside dr.
Stratton, G. F. Tr. (40)		H. M. S.	
Strayer, G. D. Prof. † (17)	Tu. Th. 11-12; Tu. 3-4	218 T.	West 246, River- dale
Strong, Anne H. Instr. (39)	M. W. F. 10	T.	509 W. 121
Strong, A. M. Instr. (33)		P. & S.	
Strong, O. S. Instr. (33)		P. & S.	Livingston
Stuart, Florence, Phys. Dir. H. M. S. (40)		H. M. S.	312 E. 7, Plain- field, N. J.
Sturtevant, Ethel, Instr. (33)	F. 3-4	136 B.	618 W. 114
Sturtevant, E. H. Asst. Prof. † (22)	M. 11:10-11:30	510 Hm.	21 Sterling pl., Edgewater, N. J.
Sumner, A. E. Assoc. (27)		P. & S.	127 W. 58
Swift, H. F. Assoc. Prof. (23)		P. & S.	65 Central pk. W.
Swift, S. Instr. (33)		P. & S.	
Tallman, Lavinia, Instr. (39)	M. 11; Tu, 4; Th. 3; F. 9	T.	501 W. 120
Tannahill, Sallie B. Instr. (39)		T.	420 W. 116
Tassin, A. De V. Asst. Prof. (18)	Th. 3-4	611 Hm.	16 Gramercy pk.
Taylor, H. C. Prof. † (25)		P. & S.	32 W. 50
Taylor, R. Instr. (33)	Tu. Th. 1-1:45	711 J.	Livingston
Teale, Oscar S. Asst. (39)		T.	35 Broadway
Tenney, A. A. Asst. Prof. † (20)	M. W. 5	506 K.	400 W. 118
Terry, A. H., Jr. Instr. (33)		P. & S.	411 Convent ave.
Terry, B. T. Instr. † (33)		P. & S.	1934 Bedford ave., Bklyn.
Terry, C. T. Prof. † (13)	M. Tu. Th. F. 5:30-6	409 K.	16 E. 65

Name	Office Hours	Office	Residence
Thacher, H. C. Assoc. † (27)		P. & S.	20 W. 50
Thacher, J. S. Prof. † (25)		P. & S.	20 W. 50
Thatcher, E. Instr. (39)		T.	239 E. 19
Thomas, A. W. S. Instr. † (33)		513 Hv.	414 W. 121
Thomas, C. Prof. † (11)	W. F.	513 P.	490 Riverside dr.
Thomas, C. W. Asst. Prof. † (20)	M.-F. 11-12	510 E.	Bliss ave., Tenafly, N. J.
Thorndike, A. H. Prof. † (16)	M. W. 3:10-4	614 P.	Waldo ave., nr. W. 246
Thorndike, E. L. Prof. † (13)	Absent on leave 1915-16		
Thurston, E. D., Jr. Asst. Prof. † (23)	W. F. 4-5	606 E.	521 W. 112
Tilney, F. Prof. (22)		P. & S.	45 E. 63
Tilt, Jennie, Asst. (36)	M. W. 1	436 B.	Whittier
Tobey, Mrs. Evelyn S. Instr. (39)	M. Tu. Th. F. 5-6	T.	195 Claremont ave.
Todd, H. A. Prof. † (11)	M. W. 5	501 P.	824 West End ave.
Tower, R. W. Cur. Nat. Sci. Collections in Lib'y (34)		Am. Mus, Nat. Hist.	New Rochelle N. Y.
Trabue, M. R. Instr. (39)	Tu. Th. 3; S. 11-12	T.	515 W. 122
Trent, W. P. Prof. † (12)	Absent on leave second half-year		
Trowbridge, C. C. Asst. Prof. (22)	Tu.-S. 10-12	509 F.	434 Riverside dr.
Tucker, D. S. Lect. (34)	M. W. F. 9-10	708 Hm.	502 W. 113
Tucker, S. A. Asst. Prof. † (15)	Tu. 9-10; 11-12; W. F. 9-12	312 Hv.	155 E. 61
Turck, Viola, Asst. (36)	Tu. Th. 1	436 B.	460 Riverside dr.
Tuska, G. R. Lect. † (34)		408 M.	121 E. 56
Tuttle, G. A. Asst. Prof. (22)		P. & S.	49 W. 49
Tyson, L. Sec. Alumni Feder- ation †		311 East	520 W. 124
Upjohn, C. B. Instr. (39)		T.	
Upton, C. B. Asst. Prof. and Sec. of T. C. † (19)		T.	500 W. 121
Upton, Mrs. C. B. Tr. † (41)		H. M. S.	500 W. 121
Van Arsdale, May B. Asst. Prof. (19)	M. 3; Tu. 11; W. Th. 10; Th. 4	209 H. A.	457 W. 123
Van Beuren, F. T. Asst. † (36)		P. & S.	812 Park ave.
Van der Bent, T. J. Lect. (39)		T.	101 Park ave.
Vanderbilt, Sadie B. Instr. (39)	W. 9-10	T.	509 W. 121
Vanderburgh, F. A. Lect. (34)	M. 1-2	406 P.	53 Washington sq.
Van Doren, C. Asst. Prof. † (23)	M. W. F. 10:30-11	608 Hm.	414 W. 120
Van Etten, R. C. Clin. Asst. (37)		V. C.	
Van Hook, L. Assoc. Prof. † (18)	M. W. 2; Tu. Th. 10	340 B.	403 W. 115
Van Kleeck, E. Instr.		P. & S.	
Van Noppen, L. C. Lect. † (24)	M. W. 3:30	509 P.	434 W. 120
Van Sant, J. T. Tr. (40)		H. M. S.	
Vaughan, J. C. Instr. (33)		P. & S.	181 W. 75
Veazie, W. B. Asst. (36)	Daily 9-10	715 Hm.	1270 Amsterdam ave.
Vexler, F. N. Lib'n Sch. Philos. † (6)	M.-F. 11-11:30	603 P.	850 E. 163
Vietor, J. A. Asst. † (36)		P. & S.	875 Park ave.
Vogel, K. M. Asst. Prof. (17)		P. & S.	680 Madison ave.
Von Hofe, G. D., Jr. Asst. (39)		T.	
Voorhees, J. D. Assoc. Prof. † (16)		P. & S.	106 E. 60

Name	Office Hours	Office	Residence
Vorisek, A. Prof. † (16)		Phar.	431 Fourth ave., Astoria, L. I.
Vosburgh, A. S. Instr. † (33)		P. & S.	137 E. 39
Vulté, H. T. Asst. Prof. † (14)	Tu. Th. 9:30-10	413 H. A.	33 Park ave., New Rochelle, N. Y.
Wachsman, S. Prof. (25)		P. & S.	210 Gun Hill rd.
Wadelton, Helen C. Recorder (5)		421 L.	414 W. 119
Wald, Lillian D. Lect. (39)		T.	265 Henry
Walker, A. L. Prof. † (17)	M.-W. 1-2	512 M.	Dongan Hills, S. I.
Walker, J. B. Prof. † (17)		P. & S.	50 E. 34
Waller, Alice P. N. Asst. (37)	W. 10-12; 1-2	338 B.	100 Morningside dr.
Walsh, J. J. Instr. (39)	M. W. 9-12	T.	5000 B'way
Ward, F. E. Assoc. † (27)	S. 3-4	703 J.	430 W. 118
Ward, W. Assoc. (27)		P. & S.	24 W. 50
Ware, A. Assoc. † (27)	M. W. Th. 2-5	A.	1 W. 94
Ware, Clara C. Asst. (37)		B.	417 W. 120
Warner, L. A. Asst. Prof. † (19)		505 H. A.	Bronxville, N. Y.
Warren, C. O. Tr. (40)		H. M. S.	
Warren, C. P. Asst. Prof. † (17)	Tu. F. 10-11	403 A.	
Washton, J. Clin. Asst. (38)		V. C.	953 Simpson
Waters, B. H. Lect.		T.	
Watson, Ruth, Tr. (40)		H. M. S.	434 W. 120
Webb, H. W. Asst. Prof. (23)		406 F.	Hartley
Weeks, Florence L. Tr. (40)		H. M. S.	380 Hawthorne ave., Yonkers, N. Y.
Weeks, Mabel F. Assoc. (27)	Th. 9-10	138 B.	Brooks
Weeks, R. Prof. † (17)	Tu. Th. 10-11	111 B.	620 W. 122
Weeman, G. Instr. † (32)	Daily 9-5	U.	465 W. 159
Weer, Letitia E. Instr. (42)	Tu. 9-11; 1-2; F. 11-12, 3-4	T.	523 W. 121
Weick, C. W. Asst. Prof. † (21)	M. W. 11-12	T.	507 W. 124
Weinberger, W. Assoc. (27)		P. & S.	252 Willis ave.
Weinrich, M. F. Instr. † (33)	Tu. S. 10-11	305 F.	99 Claremont ave.
Weinstein, J. W. Clin. Asst. (37)		V. C.	71 E. 96
Weir, R. F. Emer. Prof. † (7)			11 E. 54
Weiser, Lucy H. Tr. (41)		H. M. S.	503 W. 121
Wendell, G. V. Prof. † (19)	W. S. 10-11	303 F.	25 Claremont ave.
West, P. E. Tr. (40)		H. M. S.	
Wheeler, Clara M. Tr. (40)		H. M. S.	
Wheeler, Elizabeth H. Re- corder Med. Sch. (5)		P. & S.	437 W. 59
Wheeler, J. R. Prof. † (11)	M. 10:30; W. 4	708 P.	433 W. 117
Wheelock, Mrs. Elizabeth M. Tr. (40)		H. M. S.	
Wheelright, J. S. Assoc. (27)		P. & S.	515 Madison ave.
Whipple, A. O. Instr. (33)		P. & S.	66 E. 77
Whitaker, F. P. Asst. † (37)		K.	40 Morningside ave.
Whitaker, M. C. Prof. † (19)	M. W. F. 9-10	305 Hv.	461 Fort Washing- ton ave.
White, Bessie S. Instr. (39)		T.	420 W. 116
White, C. H. Lect. (39)		T.	
White, J. W. Instr. (33)		P. & S.	62 Ft. Washington ave.
White, Sarah P. Asst. (37)	Tu. Th. S. 9-10; 11-12; W. F. 9-12	336 B.	414 W. 118
White, W. C. Instr. (33)		P. & S.	
Whitin, E. S. Asst. (37)	W. 3-4	305 L.	501 W. 113



Name	Office Hours	Office	Residence
Whiting, J. R. Instr. † (33)		P. & S.	17 E. 38
Whitley, Mary T. Asst. Prof. (23)	M. W. F. 10-11 Tu. 1:30-2; Th. 9:30-10	336 T. T.	2334 Andrews ave.
Whitman, Adelaide, Asst.			
Whitman, R. Asst. Prof. † (16)		P. & S.	283 Lexington ave.
Whittemore, H. L. Asst. (37)	Tu. Th. 10-11	606 F.	54 Morningside dr.
Wiener, H. J. Asst. (37)		P. & S.	142 W. 71
Wiethan, May J. Asst. (39)	M. 2; W. S. 10-12	T.	70 Morningside dr.
Wilcox, H. B. Instr. † (33)		P. & S.	159 E. 70
Willhöfft, F. O. Asst. Prof. † (24)	Tu.-S. 10-11	605 E.	535 W. 112
Williams, H. B. Assoc. (27)		P. & S.	507 Madison ave.
Williams, J. C. Clin. Asst. (37)		V. C.	44 W. 87
Williams, J. F. Asst. Prof. † (23)	M. W. Th. F. 8; 3; Tu. 4	T. P. & S.	90 Morningside dr. 249 W. 72
Williams, P. H. Instr. † (33)		H. M. S.	
Williams, R. H. Tr. (40)			
Williams, T. Prof. and Dir.			
Sch. Journ. † (21)		207 J.	423 W. 117
Williams, W. R. Assoc. Prof. † (17)		P. & S.	67 W. 85
Wills, A. P. Prof. (15)	M. W. 9-10	502 F.	635 W. 115
Wilmot, Ruth, Instr. (39)		T.	616 W. 116
Wilson, Agnes, Sec. Religious Orgs.		T.	Whittier
Wilson, C. Asst. (39)		T.	
Wilson, E. B. Prof. † (11)	Tu.-F. 10-11	608 S.	411 W. 114
Wilson, M. Florence, Lib'n Nat. Sci. Lib. (6)		301 S.	618 W. 114
Wilson, M. G. Clin. Asst. (37)		V. C.	
Wilson, W. H., Assoc. (38)	W. 10-11	T.	156 Fifth ave.
Wimmer, C. P. Asst. Prof. † (19)		Phar.	515 W. 139
Winchell, Cora M. Asst. Prof. (23)	M. Th. 11-12	112 H. A.	176 Elm ave., Mt. Vernon, N. Y.
Winford, C. Amelia, Asst. (41)		Sp. S.	523 W. 121
Winslow, C. E. A. Lect. (38)		T.	
Winslow, Emma A. Asst. (39)	W. 9	T.	521 W. 122
Wise, F. Instr. (33)		P. & S.	24 W. 59
Woglom, W. H. Asst. Prof. † (21)		C. R. L.	110 Morningside dr.
Wood, F. C. Dir. Cancer Research. † (14)		C. R. L.	200 W. 56
Wood, T. D. Prof. † (13)		T.	501 W. 120
Woodbridge, F. J. E. Prof. and Dean Grad. Fac. † (13)	M. Tu. W. F. 11-12; M. 2-4	320 U.	Montrose, N. Y.
Woodhull, J. F. Prof. † (12)	Tu. 11	413 T.	612 Van Cortlandt Pk. ave., Yonkers, N. Y.
Woodruff, I. O. Instr. (33)		P. & S.	152 W. 78
Woodworth, R. S. Prof. † (15)		405 S.	
Woody, Alice M. Tr. (40)		H. M. S.	527 W. 121
Woolsey, W. C. Asst. † (37)		P. & S.	88 Lafayette ave., Bklyn.
Wright, E. H. Asst. Prof. (23)	M. W. 4-5	606 P.	Faculty Club
Wylie, A. T. Asst. † (39)	Th. 3	T.	509 W. 122
Yampolsky, C. Asst. † (37)	M.-S. 1-5	500 S.	433 W. 124
Yeomans, F. C. Instr. † (33)		P. & S.	230 W. 59
Yohannan, A. Lect. † (34)	Tu. F. 10-11	402 P.	557 W. 124
Young, B. E. Asst. Prof. † (24)	M. W. F. 10-11	308 Hm.	126 Claremont ave.

## DIRECTORY OF OFFICERS

Name	Office Hours	Office	Residence
Young, C. C. Clin. Asst. (37)		V. C.	
Young, C. H. Prof. † (12)	M. 2-2:30	512 Hm.	
	M. 4:30-5:30	711 P.	312 W. 88
Young, D. B. Asst. (37)	Daily 1-2	602 S.	Hartley
Yunck, Bernadine M. Instr. (39)		T.	422 Meeker, S. Orange, N. J.
Zanetti, J. E. Asst. Prof. † (22)	W. 10-12	604 Hv.	107 E. 72
Zelaya, A. Clin. Asst. (37)	M.11; T. 3	V. C.	150 W. 64
Zerbe, Margaret M. Instr. (39)		T.	176 W. 72
Zinsser, H. Prof. † (22)		P. & S.	320 W. 104

# DIRECTORY OF STUDENTS

The italic letter following the name indicates the school in which the student is primarily registered — as follows:

<i>a</i> School of Architecture	<i>j</i> School of Journalism
<i>b</i> Barnard College	<i>l</i> School of Law
<i>c</i> Columbia College	<i>m</i> School of Medicine
<i>ed</i> School of Education (Teachers College)	<i>pa</i> School of Practical Arts (Teachers College)
<i>gr</i> Graduate Faculties	<i>phar</i> College of Pharmacy
<i>s</i> Schools of Mines, Engineering and Chemistry	

The numbers 1, 2, 3, and 4 preceding these letters indicate the class. The abbreviation *gr* indicates a graduate student in the professional schools, *sp* a special matriculated student, *nm* a non-matriculated student.

The names of women are indicated by a dagger (†).

"Hartley," "Livingston," "Furnald," "Brooks," and "Whittier" refer to the University Residence Halls.

For names of students not in Directory, see Class lists in Annual Catalogue, and for addresses consult card index in Office of Registrar.

Aagesen, K. † <i>nm ed</i>	Whittier	Ackerman, A. 3 <i>pa</i>	Hillsdale, N. J.
Aaronson, G. † 3 <i>b</i>		Ackerman, F. R. † 4 <i>b</i>	
385 Ft. Washington ave.		2 Hawthorne, Orange	
Aaronson, R. † <i>nm ed</i>	3100 Broadway	Ackerman, I. <i>phar</i>	216 W. 108
Abalo, A., <i>phar</i>	307 W. 14	Ackerman, M. † 4 <i>pa</i>	152 W. 93
Abarno P. <i>phar</i>	13-2nd, New Rochelle	Ackerman, R. W. 4 <i>s</i>	Scarsdale
Abbott, G. † 1 <i>pa</i>		Ackerman, S. W. <i>phar</i>	115 W. 68
98 Ravine ave., Yonkers		Ackley, S. † 3 <i>pa</i>	1185 Lexington ave.
Abbott, M. A. † <i>gr ed</i>	537 W. 121	Acosta, J. A. Jr. 3 <i>c</i>	
Abbott, M. B. † <i>gr ed</i>	503 W. 121	308 McDonough, Bklyn.	
Abele, R. P. <i>gr</i>	610 W. 115	Adair, H. † <i>gr</i>	Brooks
Abell, R. A. 2 <i>c</i>	44 Hamilton Terrace	Adamovsky, J. 1 <i>c</i>	
Abelov, I. 2 <i>c</i>		707 Eighth ave., Astoria	
463 Willoughby ave., Bklyn.		Adams, A. † <i>phar</i>	
Abkarian, V. S. 3 <i>s</i>	19 W. 119	815 Ocean ave., Jersey City	
Ablahadian, E. † 3 <i>pa</i>		Adams, A. B. <i>gr</i>	500 W. 122
Abouchar, S. 3 <i>s</i> 5306 Sixth ave., Bklyn.		Adams, B. † 4 <i>pa</i>	Whittier
Abraham, G. C. 2 <i>c</i>	145 W. 104	Adams, C. R. 1 <i>m</i>	438 W. 57
Abrahams, H. B. 2 <i>c</i> 1200 Madison ave.		Adams, E. † 1 <i>b</i>	314 W. 114
Abrahams, I. M. 1 <i>c</i>	107 E. 80	Adams, F. † <i>sp b</i>	Brooks
Abrahamson, E. M. 3 <i>c</i>		Adams, H. † 2 <i>pa</i>	Whittier
2571 Atlantic ave., Bklyn.		Adams, H. B. 4 <i>c</i>	3100 Broadway
Abrams, J. F. † <i>nm ed</i>	450 W. 152	Adams, H. J. 3 <i>pa</i>	
Abramson, A. E. 2 <i>c</i>		56 Genesee ave., Paterson	
2448 Pitkin ave., Bklyn.		Adams, H. R. † <i>nm pa</i>	Whittier
Abramson, S. <i>nm l</i>	957 Simpson	Adams, J. A. <i>nm l</i>	Livingston
Accurso, C. † 1 <i>b</i>	449 E. 116	Adams, J. F. <i>gr</i>	420 W. 121
Achilles, P. S. <i>gr</i>	Furnald	Adams, M. † 1 <i>b</i>	Brooks
Acker, J. G. 4 <i>j</i>		Adams, M. 1 <i>c</i> 245 Sumner ave., Bklyn.	
136 Westminster Rd., Bklyn.		Adams, M. P. <i>gr</i>	105 E. 22
Ackerle, I. V. † <i>gr</i>	19 Minerva Pl.	Adams, O. H. 2 <i>l</i>	Hartley

- Adams, P. E. 3 *l* Garden City  
 Adams, R. † 3 *b* 312 Manhattan ave.  
 Adams, R. † *nm pa* 527 W. 121  
 Adams, W. C. 1 *j* Hartley  
 Adelstein, G. † 3 *b* 110 W. 86  
 Adikes, J. M. 1 *l* 211 Fulton, Jamaica  
 Adkins, W. S. *gr* 528 W. 123  
 Adler, A. A. *gr* 507-3rd, Bklyn.  
 Adler, H. *gr* 452 W. 149  
 Adler, M. B. *a* 130 E. Houston  
 Adler, M. H. *gr* 206 E. 69  
 Adler, S. † 2 *b* 611 W. 141  
 Adlerblum, C. *gr* 1652 Mt. Hope ave.  
 Adolph, E. H. *phar* 226 E. 15  
 Adriance, D. † *nm b* 161 Madison ave.  
 Aeton, L. S. 1 *c* 670 Washington  
 Affleck, J. G., Jr. 1 *l*  
 674 N. Broadway, Yonkers  
 Affleck, W. R. *nm c*  
 674 N. Broadway, Yonkers  
 Agar, J. G., Jr. 1 *m* New Rochelle  
 Ageton, A. C. † 3 *pa* 414 W. 121  
 Agnides, N. P. *gr* 523 W. 122  
 Ahrens, S. V. † 2 *pa* 525 W. 120  
 Aiken, A. † *nm pa* 415 W. 118  
 Aimee, J. M. 2 *c* 1440 Park Pl., Bklyn.  
 Albert, E. † 4 *b*  
 Heathcote Hill, Mamaroneck  
 Albert, H. † *nm ed* 180 St. Nicholas ave.  
 Albrecht, A. E. *gr* 1681 Lexington ave.  
 Albrecht, B. † 4 *b* 1417 Vyse ave.  
 Albrecht, I. W. 2 *c* 74 Grove  
 Albright, C. R. *gr* 600 W. 122  
 Alcorn, M. E. † *gr ed*  
 340 Irving ave., Port Chester  
 Alden, M. D. † *nm ed* 514 W. 122  
 Alden, A. G. *gr*  
 190 Nesbit Terrace, Irvington  
 Alderman, I. S. 2 *m* 66 York, New Haven  
 Aldrich, B. M. *gr ed* 8 First ave., Nyack  
 Aldridge, A. † 4 *pa* 130 Claremont ave.  
 Aleinikoff, S. † *gr* 52 E. 121  
 Alexander, B. † 4 *b* 709 W. 169  
 Alexander, H. L. † *gr* 420 W. 121  
 Alfke, A. † 1 *b* 24 W. 95  
 Alfonso, J. † 2 *pa* Whittier  
 Algase, A. 1 *c* 1687 Bathgate ave.  
 Alleman, M. † 1 *b* Brooks  
 Allen, C. H. *gr* Rockefeller Institute  
 Allen, E. S. † 1 *pa* 438 W. 116  
 Allen, E. A. 1 *s* Hartley  
 Allen, E. C. *gr* 519 W. 121  
 Allen, E. T. 4 *s* Hartley  
 Allen, G. A. † *nm ed* 165 W. 4, Oswego  
 Allen, G. L. † *gr* Whittier  
 Allen, P. M. 2 *m* 415 W. 57  
 Allen, W. C. *nm ed* 68 Halsey, Bklyn.  
 Allianiello, A. *phar* 217 E. 113  
 Alling, H. L. *gr* Livingston  
 Allison, M. † *gr* 411 W. 115  
 Allison, J. † *nm ed* 283 Rivington  
 Allison, J. W. Jr. 4 *c* 431 W. 117  
 Allison, S. W. 3 *c* 385 Central Park West  
 Allo, I. *phar* 3556 Willett ave.  
 Almand, B. 3 *l* Livingston  
 Almour, R. 1 *m* 239 E. 7  
 Almy, L. H. † *gr* 414 W. 118  
 Alper, L. *nm gr* 1913 Lexington ave.  
 Althaus, A. L. † *gr* 2770 Briggs ave.  
 Alvord, R. O. *gr* 544 W. 113  
 Alzamora, I., Jr. 2 *c* 925 West End ave.  
 Amant, A. *gr ed* 1628 Washington ave.  
 Amazon, P. *nm c* 645 Stone ave., Bklyn.  
 Ambedkar, B. R. *gr* Livingston  
 Amber, L. † 1 *b* 872 Whitlock ave.  
 Amberg, R. A. † 1 *b* Brooks  
 Amberson, J. D. † 4 *pa* Whittier  
 Amedeo, J. B. *phar* 255 Lafayette  
 Ames, C. L. † 4 *pa* 509 W. 122  
 Amico, P. *phar* 91 Eldridge  
 Amill, L. A. 2 *c* 513 W. 152  
 Amiss, M. † *gr* 421 W. 118  
 Amorous, M., Jr. 1 *pa* Livingston  
 Amory, C. 3 *l* 27 W. 44  
 Amos, W. A. *gr* 814 Hudson, Hoboken  
 Amson, S. † 2 *b* 1060 Forest ave.  
 Amy, E. V. 3 *s* 619 W. 113  
 Anderson, A. L. † 2 *pa* 958-72, Bklyn.  
 Anderson, B. G. 4 *s* Furnald  
 Anderson, C. T. 1 *c*  
 686 Humboldt, Bklyn.  
 Anderson, E. L. 1 *m* 503 W. 121  
 Anderson, F. F. *gr* 424 W. 119  
 Anderson, G. C. 3 *m*  
 City Hospital, Blackwells Island  
 Anderson, G. M. † 4 *ed*  
 265 Madison, Bklyn.  
 Anderson, J. C. *gr* 430 W. 118  
 Anderson, J. G. 1 *l*  
 41 S. Clinton, East Orange  
 Anderson, M. † *gr* 15 E. 54  
 Anderson, M. D. † 3 *pa*  
 112 Primrose, Mt. Vernon  
 Anderson, T. W. *nm l* Livingston  
 Andrews, D. C. *gr* Furnald  
 Andrews, G. C., Jr. 2 *m*  
 93 Neperan Rd., Tarrytown  
 Andrews, L. E. † 4 *pa* 523 W. 121  
 Anello, V. 1 *c* 160 Lorimer, Bklyn.  
 Angetsinger M. † *nm ed*  
 41 Livingston Ave., Yonkers  
 Anopol, G. *phar* 502 W. 139  
 Anthony, E. † *gr ed* 415 W. 118  
 Anthony, M. E. † 1 *b* Brooks  
 Apelian B. K. *gr ed*  
 1402 Hancock, Bklyn.  
 Apgar, F. W. *sp s*  
 10 Canonbury Rd., Jamaica.

- Apisdorf, A. K. 1 m  
     346 Bedford ave., Bklyn.  
 Appelbaum, E. 4 c      1552 Hoe ave.  
 Applebaum, S. *phar*      58 E. 108  
 Applebee, E. W. 2 c  
     Clinton ave., Ossining  
 Appleby, E. † *nm pa*      440 E. 57  
 Appleby, E. M. † *gr*      135 E. 52  
 Appleby, E. T. 4 c      216 W. 59  
 Appleby, F. S. 4 c      216 W. 59  
 Appleman, E. 2 l      Livingston  
 Appley, D. M. † 4 b      Brooks  
 Araki, S. *gr*      102 W. 123  
 Archer, D. G. 1 l      419 W. 115  
 Archer, E. R. † 2 b      Brooks  
 Archibald, M. L. † 1 b      Whittier  
 Arenwald, M. *gr ed* 2601 Bainbridge ave.  
 Argueso, J. † *phar* 1090 St. Nicholas ave.  
 Arkins, C. † 2 b  
 Armbruster, R. T. † *nm ed*  
     70 Morningside Dr.  
 Armstrong, C. G. 2 c      528 W. 111  
 Armstrong, C. T. 3 s 347 Manhattan ave.  
 Armstrong, J. † *gr*      564 W. 160  
 Armstrong, J. A. B. 4 s  
     347 Manhattan ave.  
 Armstrong, J. B. 1 l  
     Willets Point Rd., Whitestone  
 Armstrong, R. F. *nm j*      422 W. 115  
 Arnaud, L. a      552 Riverside Dr.  
 Arnett, M. † 4 *ed*      Whittier  
 Arnold, A. E. † *nm ed* 232 Sherman ave.  
 Arnold, H. C. F. *phar*      602 Tenth ave.  
 Arnold, W. C., 2nd 1 l  
     529 Scotland Rd., Orange  
 Arnold, W. H. 2 l 565 Rugby Rd., Bklyn.  
 Aronescu, L. I. 4 s      1018 E. 163  
 Aronoff, J. B. 2 c      900 Union ave.  
 Aronovic, A. *phar*  
     593 Bushwick ave., Bklyn.  
 Aronowitch, B. *gr*      233 W. 107  
 Aronson, M. K. 2 c  
     1429 Pitkin ave., Bklyn.  
 Aronstamm, G. C. *phar*      271 E. 78  
 Arrowsmith, M. N. † *gr*      119 E. 19  
 Arthur, N. † *nm pa*  
     211 S. Clinton, East Orange  
 Asch, J. 1 c      41 Convent ave.  
 Ascher, C. S. 2 c      195 Claremont ave.  
 Ash, M., Jr. 2 c      530 West End ave.  
 Ashcraft, J. † 3 *pa*      Whittier  
 Ashley, H. C. 1 c      346 Lexington ave.  
 Ashley, M. † *gr*      Brooks  
 Ashmead, S. B. 3 *pa* 213 N. 6, Newark  
 Ashwill, A. † *gr ed*      503 W. 121  
 Askam, L. E. † 4 *pa*      Great Neck  
 Astarita, M. W. 1 m      223 E. 69  
 Aste, W. † *nm pa*  
     2606 Mansfield Pl., Bklyn.
- Astrachan, M. 3 c 11 Douglas, Jamaica  
 Astrowe, P. S. 1 m      233 E. 12  
 Atwood, I. C. † *nm gr*  
     253 Garfield Pl., Bklyn.  
 Atwood, K. C., Jr. 4 c      Furnald  
 Au, K. W. *gr*      Hartley  
 Auerbach, M. H. † *nm gr*      40 W. 77  
 Aufses, A. H. 1 c      118 E. 73  
 Augur, H. † 4 b      Brooks  
 Aul, H. E. 2 c      58 Division, Bklyn.  
 Aul, J. L. 2 c 1505 Bushwick ave., Bklyn.  
 Auld, W. R. *gr*      600 W. 122  
 Aultman, M. L. *gr*      530 Ridge, Newark  
 Aungst, R. H. H. *gr*  
     244 Willoughby ave., Bklyn.  
 Austin, C. B. *gr*      419 W. 119  
 Austin, G. B. † *gr*      419 W. 119  
 Austin, I. F. † 3 *pa*      430 W. 119  
 Austrian, C. J. 2 l 49 St. Nicholas Terrace  
 Austrian, D. † 4 j      Hotel Majestic  
 Avchen, B. † 3 *pa*  
     210 Hall ave., Perth Amboy  
 Avenia, A. J. 1 c      101 Smith, Jamaica  
 Avent, J. M. *gr*      457 W. 123  
 Awad, R. 1 c      542-54th, Bklyn.  
 Axelbank, P. *phar*      324 E. 9, Bklyn.  
 Ayres, M. † *gr ed*      130 E. 22  
 Babbott, F. L., Jr. 2 m  
     149 Lincoln Pl., Bklyn.  
 Babcock, E. H., Jr. 4 c      627 W. 115  
 Babcock, H. G. *gr*      600 W. 122  
 Bacchi, R. J. *phar*      19 Kenmare  
 Bacchus, J. L. 2 m      437 W. 59  
 Bach, F. † *gr ed*      417 W. 121  
 Bache, H. † 3 *pa*      Whittier  
 Backus, A. *nm pa*      423 W. 120  
 Bacon, H. G. 3 *pa*      Hartley  
 Bacon, L. W., Jr. 2 c      Hartley  
 Bacon, R. M. 3 c 432 E. 5, Mt. Vernon  
 Bacon, W. O. *phar*      523 W. 122  
 Baddour, E. J. † *phar*      176 E. 78  
 Bader, H. A. † *nm ed*      527 W. 121  
 Bader, M. *gr*      273 S. 2, Bklyn.  
 Badgley, R. A. † 1 *pa*      630 W. 141  
 Badt, H. A. *sp s*      Furnald  
 Baer, L. H. 1 c      27 Marion, Nyack  
 Baeyertz, F. P. 2 c      627 W. 113  
 Bagg, H. J. *gr*      32 Park Pl., Yonkers  
 Bagier, V. C. † *gr*      24 E. 94  
 Bail, F. W. a      677 W. 204  
 Bailey, A. † 4 b      1561 E. 45, Bklyn.  
 Bailin, J. *phar*      8720 Bay 21, Bklyn.  
 Bailly, E. A. † *gr*      412 Ninth ave.  
 Bainton, E. F. † *gr*      371 W. 116  
 Bair, F. *gr ed*      530 W. 123  
 Baker, E. † *nm gr* 16 Garden Pl., Bklyn.  
 Baker, F. L. *gr ed*  
     58 Douglas ave, Yonkers  
 Baker, H. † 4 *pa*      414 W. 121

- Baker, J. L. a 140 W. 105  
 Baker, J. P. 2 c 94 Livingston, Bklyn.  
 Baker, L. E. † gr 226a Willoughby ave., Bklyn.  
 Baker, M. L. † nm pa 288 E. 10  
 Baker, N. † 3 pa 501 W. 121  
 Baker, S. L. † nm ed 419 W. 119  
 Bakovitz, H. 3 m 1008 Simpson  
 Baldwin, A. D. † gr ed 437 Bramhall ave., Jersey City  
 Baldwin, B. N. † gr ed 617 W. 113  
 Baldwin, D. E. † gr ed 537 W. 121  
 Baldwin, J. B. 3 c 537 W. 121  
 Baldwin, J. S. 4 c Hartley  
 Baldwin, L. C. 1 m 336 W. 58  
 Baldwin, M. S. 2 l 37 Fifth ave.  
 Baldwin, R. D. gr ed 1476 Lexington ave.  
 Ball, A. J. gr ed 115 E. 31  
 Ball, C. S. gr 600 W. 122  
 Ball, H. † gr ed Whittier  
 Ball, H. S. phar 115 W. 68  
 Ball, L. † gr ed Rochelle Park, New Rochelle  
 Ballagh, H. C. 3 c 414 W. 118  
 Ballot, J. † 1 b 913 President, Bklyn.  
 Ballou, M. † 2 pa 854 W. 180  
 Ballou, W. A. gr ed 335 Lafayette ave., Bklyn.  
 Bamberger, F. E. † gr ed 70 Morningside Dr.  
 Bancroft, M. † gr Brooks  
 Bancroft, R. 1 l Hartley  
 Bangs, F. H. gr ed 52 Irving Pl.  
 Banker, C. E. † 4 ed 453 Ft. Washington ave.  
 Bankert, A. phar 271 W. 71  
 Banks, H. W., 3rd gr Sound Beach, Conn.  
 Banks, R. M. 4 s 612 W. 116  
 Barach, A. L. 1 m 901 Prospect ave.  
 Barackman, P. F. gr 630 Montgomery, Jersey City  
 Barad, V. † 3 pa 357 Eastern Parkway, Bklyn.  
 Baranoff, H. † 1 b 537 W. 123  
 Baratta, A. F. 1 c 2055 First ave.  
 Barbarito, W. N. 1 m Hartley  
 Barbarossa, C. gr 212 W. 85  
 Barbee, E. † nm pa Whittier  
 Barber, F. † 2 b 633 W. 152  
 Barber, G. E. † gr ed 181 Post Rd., White Plains  
 Barber, L. A. 2 c 229 Keap, Bklyn.  
 Barber, L. E. gr ed Hartley  
 Barber, M. † 2 b 411 W. 114  
 Barber, M. J. † 4 pa 210 Rodney, Bklyn.  
 Barbour, L. 2 c 620 W. 116  
 Barbour, W. C. gr 120 W. 46  
 Bard, J. M. nm c 216 W. 102  
 Bard, M. T. 1 c 216 W. 102  
 Bardsley, W. W. 3 l 345 Park, Montclair  
 Bare, C. B. gr 600 W. 122  
 Barish, B. phar 456 E. 171  
 Barish, T. 2 c 1506 Cortelyou Rd., Bklyn.  
 Barker, P. E. 4 c 633 W. 115  
 Barlow, H. D. nm c Farnald  
 Barlow, W. M. gr 282 Halsey, Bklyn.  
 Barna, B. D. 4 c 971 Herkimer, Bklyn.  
 Barnard, E. C. † nm pa 417 W. 118  
 Barnes, G. † 4 b Brooks  
 Barnes, H. E. gr Livingston  
 Barnes, W. J. 2 m 346 W. 57  
 Barnett, C. R. 3 l 1029 College ave.  
 Barney, A. L. † gr ed 430 W. 119  
 Barnum, H. H. gr 830 W. 179  
 Barnum, P. a 404 W. 115  
 Baron, J. gr 774a Lafayette ave., Bklyn.  
 Baron, J. L. gr 140 Henry  
 Baron, Y. † 2 pa Whittier  
 Barone, M. A. 4 c 123 Taylor, Stamford, Conn.  
 Barovick, S. H. 2 c 60 W. 117  
 Barr, J. L. † gr 104 W. 174  
 Barr, O. O. nm ed South Amboy  
 Barrett, B. 3 l Livingston  
 Barrett, C. R. 2 c 2303 Andrews ave.  
 Barrett, F. † 1 b 300 W. 106  
 Barrias, R. R. nm c 538 W. 114  
 Barrington, M. † 1 b 3089 Broadway  
 Barrow, J. B. gr ed 7205 Tenth ave., Bklyn.  
 Barry, C. † 1 b 109 Franklin, Jersey City  
 Barry, J. W. † nm pa 106 Morningside Dr.  
 Barry, M. † 4 pa 112 Locust, Flushing  
 Barry, R. phar 540 W. 113  
 Barsky, E. 1 m 206 Hewes, Bklyn.  
 Barsky, G. 3 c 206 Hewes, Bklyn.  
 Barstow, F. D. 1 c Great Neck  
 Barth, A. S. 3 c 411 W. 114  
 Barth, E. A. 4 s 411 W. 114  
 Bartholow, B. H. 2 l 114 S. Eighth ave., Mt. Vernon  
 Bartholomew, D. C. nm l Sherman Square Hotel  
 Bartlett, E. L. † 1 b 618 Hudson, Hoboken  
 Bartlett, K. A. phar 271 W. 71  
 Barto, E. W. 2 c Ossining  
 Barton, E. G. † nm b Lydecker, Englewood  
 Barton, V. M. 4 s Hartley  
 Bartow, C. S., Jr. 4 c 627 W. 115  
 Bartner, S. phar 151 E. 112  
 Barts, A. A. † 3 pa 520 W. 139  
 Bashian, M. † sp b 600 W. 165

Bassett, F. † 1 <i>pa</i>	414 W. 121	Beckett, G. † 4 <i>pa</i>	527 W. 121
Bate, A. J. <i>gr ed</i>		Beckler, F. † <i>gr ed</i>	Whittier
	69 Elliott ave., Yonkers	Beckman, R. W. 1 <i>j</i>	120 W. 85
Bate, G. C. <i>gr ed</i>		Becktell, B. B. † <i>gr ed</i>	501 W. 120
	161 Woodworth ave., Yonkers	Beckwith, A. J. 3 s 91	Weirfield, Bklyn.
Bateman, G. F. <i>sp s</i>	Cooper Union	Bedell, L. E. † 1 <i>pa</i>	
Bates, A. M. † 2 b 96	Hayes ave., Corona		109 Briggs ave., Richmond Hill
Bates, S. L. † 4 <i>pa</i>	Whittier	Bedle, F. <i>phar</i>	Livingston
Batta, M. † 4 b	145 Vermilye ave.	Beekman, F. L. † <i>gr</i>	141 W. 104
Batten, A. G. 1 c	6 School, Rye	Beekman, J. H. <i>gr ed</i>	
Battle, E. † 4 b	Whittier		3 Liberty Rd., Englewood
Bauer, D. † 3 b		Beer, M. A. <i>gr</i>	945 E. 163
	816 Rahway ave., Elizabeth	Beers, G. A. † 1 <i>pa</i>	519 W. 121
Bauer, E. † 1 <i>pa</i>	165 E. 89	Begg, S. <i>phar</i>	Bronxville
Bauer, S. † 2 <i>pa</i>	408 W. 145	Beggs, N. † <i>gr ed</i>	418 W. 118
Bauerberg, L. † 1 b	620 W. 122	Beirne, M. G. B. † <i>gr</i>	530 Dean, Bklyn.
Baugh, A. † <i>nm ed</i>	124 Leonia ave., Leonia	Beisser, P. T. <i>gr</i>	424 W. 23
Baum, J. † <i>phar</i>	284 Verona ave., Newark	Belard-Mantero, C. <i>nm gr</i>	Hotel Astor
Baum, S. M. 1 m	7411 Fifth ave., Bklyn.	Belknap, A. F. † <i>gr</i>	618 W. 114
Baumann, E. H. † 2 b	77 E. 89	Belknap, H. † <i>gr ed</i>	
Baumann, L. E. <i>gr</i>	135 Kent, Bklyn.	Belknap, H. O. † <i>gr</i>	420 W. 118
Bausch, H. † 2 b	510 W. 124	Belknap, M. a	3 W. 8
Baush, R. O. <i>sp s</i>	435 Amsterdam ave.	Bell, A. F. † <i>nm pa</i>	519 W. 121
Baxter, C. W. 4 s		Bell, A. L. L. 4 m	Englewood
	173 Columbia Heights, Bklyn.	Bell, J. C., Jr. <i>gr</i>	30 W. 37
Baxter, G. R. 2 c		Bell, S. D. 3 m	30 W. 37
	173 Columbia Heights, Bklyn.	Bell, V. † <i>gr ed</i>	Whittier
Baxter, J. H. † <i>gr</i>	509 W. 122	Beller, W. C. 1 c	51 E. 123
Bayard, S. † <i>nm pa</i>	240 W. 15	Bellinger, F. C. 3 c	616 W. 113
Bayes, F. † <i>gr ed</i>	105 E. 22	Bellinger, W. H. 2 l	115 W. 91
Baynes, S. F. <i>gr ed</i>	Public School No. 5	Bellinson, S. I. <i>phar</i>	358 E. 8
Beachey, M. † <i>nm pa</i>	505 W. 121	Bellows, F. M. 1 c	Mamaroneck
Beals, J. D., Jr. 3 c	531 W. 113	Bend, B. † <i>nm gr</i>	563 Park ave.
Bean, F. † <i>gr ed</i>	540 W. 122	Bendann, E. † <i>gr</i>	420 W. 121
Bean, S. H. † <i>nm ed</i>		Bender, F. <i>phar</i>	
	1729 N. 19, Philadelphia		643 Flatbush ave., Bklyn.
Beardsley, W. A. <i>gr</i>	Livingston	Bender, R. C. <i>gr</i>	410 W. 115
Beasley, C. † 3 <i>pa</i>	72 W. 124	Bendetson, J. S. <i>nm c</i>	
Beatty, P. F. <i>nm ed</i>	Furnald		22 Liberty ave., Bklyn.
Beaty, J. O. <i>gr</i>	Furnald	Benedict, I. H. † <i>gr</i>	375 West End ave.
Beaty, M. L. † 4 <i>pa</i>	Whittier	Benedict, M. J. † 1 b	Brooks
Beaumont, W. † 4 <i>pa</i>	Whittier	Bengel, W. H. <i>nm c</i>	Livingston
Beaver, J. J. <i>gr</i>		Benham, R. W. † 3 b	
Bebee, S. † <i>nm pa</i>	503 W. 121		Cedarhurst ave., Cedarhurst
Beck, E. F. W. 3 s	370 W. 120	Benick, M. D. 1 j	28 W. 129
Beck, L. B. 1 c	8 W. 101	Benjamin, R. † 3 b	2030 Broadway
Beck, P. A. <i>gr</i>	540 E. 76	Bennett, A. † <i>gr ed</i>	500 W. 122
Beck, R. D. 4 c	542 W. 124	Bennett, A. C. 2 l	522 W. 157
Beck, S. W. 1 c	866 Beck	Bennett, C. W., Jr. 4 c	616 W. 179
Becker, A. A. <i>gr ed</i>	1210 40th, Bklyn.	Bennett, G. S. <i>gr</i>	
Becker, C. C. † 3 <i>pa</i>	503 W. 121		2323 Putnam ave., Bklyn.
Becker, C. W. † <i>gr</i>	166 W. 128	Bennett, J. W. 2 m	332 W. 55
Becker, E. † 3 b	239 Mt. Hope Pl.	Bennett, L. K. <i>nm c</i>	51 Hamilton Pl.
Becker, K. 1 c	48 W. Scott Pl., Elizabeth	Bennett, M. † <i>gr</i>	507 W. 130
Becker, M. <i>phar</i>		Bennett, M. E. † 4 <i>pa</i>	Whittier
	819 McLean ave., Yonkers	Bennett, R. H. <i>sp s</i>	434 W. 120
Becker, M. C. † 4 <i>pa</i>		Bennett, S. I. † 3 b	Brooks
	329 Park ave., Leonia, N. J.	Bennett, V. † 1 <i>pa</i>	523 W. 121
Beckers, C. † 4 <i>pa</i>	618 Hudson, Hoboken	Bensel, M. C. † 2 b	105 W. 74

- Benson, R. 4 s 255 W. 101  
 Bent, W. R. *gr ed* Hartley  
 Bentley, C. C. *gr* 175 Ninth ave.  
 Benton, J. K. *nm l* Furnald  
 Benton, N. W. 3 c 1 Arden  
 Benton, H. A. *gr* 600 W. 122  
 Berg, M. 2 c 347 Bradford, Bklyn.  
 Berg, P. 3 s 35 W. 129  
 Bergamini, H. M. 3 m 252-67th, Bklyn.  
 Bergen, M. T. † 3 pa Whittier  
 Berger, M. *phar*  
 114 N. Main, Portchester  
 Bergmann, C. A. O., Jr., 2 c Hartley  
 Bergstrom, G. † 2 b  
 46 Park ave., Passaic Park  
 Berick, M. 4 c 82 Monroe  
 Berinstein, W. 4 c 420 Riverside Dr.  
 Berkey, P. A. 1 c 429 W. 117  
 Berkman, J. C. *gr ed* 40 Stuyvesant  
 Berkowitch, L. B. *gr* 52 W. 111  
 Berkowitz, E. L. 2 c 3647 Broadway  
 Berkowitz, S. *phar*  
 544 Claremont Parkway  
 Berkson, I. B. *gr ed* 61 Morningside ave.  
 Berle, C. H. 1 c 786 Ridge, Newark  
 Berliner, I. M. 3 l 325 Central Pk. West  
 Berman, F. *phar* 529 Brook ave.  
 Bernays, J. † *gr* 301 W. 106  
 Bernard, A. 1 c 1200 Madison ave.  
 Bernard, E. 1 c 1200 Madison ave.  
 Bernard, M. B. † 1 b Dobbs Ferry  
 Bernd, A. B. 4 j Livingston  
 Berner, F. 1 m 92 Second ave.  
 Bernero, F. A. 2 l 532 E. 147  
 Berney, A. A. *gr*  
 477 Miller ave., Bklyn.  
 Bernheim, A. A. † *gr* Rye  
 Bernheim, A. R. † *sp b* 148 W. 86  
 Bernheim, S. A. † *gr* 129 W. 79  
 Bernholz, E. † 1 pa 540 W. 150  
 Bernholz, M. M. † 2 b 170 W. 81  
 Bernholz, P. † 2 b 540 W. 150  
 Bernstein, D. M. 4 s 430 W. 118  
 Bernstein, E. † 2 pa Pleasantville, N.Y.  
 Bernstein, I. L. † *nm gr* 127 W. 75  
 Bernstein, M. 3 c 232 Lewis ave., Bklyn.  
 Bernstein, M. R. † 1 pa  
 Pleasantville, N. Y.  
 Berry, A. B. † *nm ed*  
 4 Neptune ave., New Rochelle  
 Berry, C. † 3 pa 106 Morningside Dr.  
 Berry, C. N. 4 m 115 W. 64  
 Berry S. G. 4 s 618 W. 113  
 Berson, J. 3 s 8 E. 107  
 Bertram, B. S. *phar* 1874 E. 12, Bklyn.  
 Bertram, M. E. † *gr*  
 445 Shepherd ave., Bklyn.  
 Bervy, O. † 3 b 100 W. 118  
 Bery, C. E. † 3 pa
- Berzon, H. 3 c  
 132 Union ave., New Rochelle  
 Best, L. *gr ed*  
 523 Madison ave., Plainfield  
 Betts, H. † 3 pa Highwood, N. J.  
 Beuerman, R. T. 2 c 1891 Lexington ave.  
 Beyer, H. W. 3 s 886 Union, Bklyn.  
 Beyer, M. W. *gr* 466 E. 147  
 Bianchi, I. M. † 4 b  
 254 Park ave., Orange  
 Bickel, R. H. a Hartley  
 Bickley, E. B. 3 m Furnald  
 Bierhoff, A. F. 4 c 301 W. 109  
 Bierman, F. S. † 2 b 316 E. 5  
 Bierman, W. 3 m 157 Keap, Bklyn.  
 Bierschenk, W. 4 c 668 Eastern Parkway  
 Bigelow, A. V. † 4 ed 435 W. 123  
 Bigelow, E. † 1 pa Whittier  
 Bijur, J. M. 2 c Hotel Ansonia  
 Bijur, S. M. 2 l Hotel Ansonia  
 Bilkert, H. A. *gr* New Brunswick  
 Bill, P. † 4 pa 523 W. 122  
 Billet, C. M. † *gr* 509 W. 121  
 Billings, F. E. † 4 ed 503 W. 121  
 Billings, G. M. 2 l  
 27 S. Portland ave., Bklyn.  
 Billings, M. I. *nm ed*  
 75 Central ave., Montclair  
 Billman, A. M. *gr* 600 W. 122  
 Billsborrow, R. E. 3 s  
 91 Hamilton ave., Paterson  
 Biloon, A. *phar* 1222 Boston Rd.  
 Binder, A. A. 4 s  
 112 Glenwood ave., Leonia  
 Binderman, S. A. 4 m  
 47 St. Marks Pl.  
 Bingamin, L. A. 3 m 218 E. 9, Plainfield  
 Binger, P. A., Jr. a  
 83 S. Broadway, Yonkers  
 Bird, E. E. † *gr* 420 W. 116  
 Bird, K. † *nm ed*  
 29 Convent ave.  
 Bird, M. † 1 pa Whittier  
 Birdsall, C. G. 1 c Hartley  
 Birkett, H. 4 s 540 W. 122  
 Birnbaum, B. H. *gr* 1735 Madison ave.  
 Bischoff, H. W. 4 s  
 63 Newtown Rd., Astoria  
 Bishop, E. L. † 3 pa 509 W. 121  
 Bishop, H. A. † 1 pa Whittier  
 Bitterman, A. C. *gr ed*  
 104 McLean ave., Yonkers  
 Blaapiet, C. W. *gr* 150 Fifth ave.  
 Black, A. † *gr* 425 W. 114  
 Black, D. L. † 1 pa  
 31 Mt. Morris Park West  
 Black, D. M. 4 c Hartley  
 Black, I. B. † 1 b 616 W. 116  
 Black, T. E. *gr* 417 W. 121



Blackiston, H. † 4 *pa* Whittier  
 Blackman, I. N. 1 *c*  
     79 Williams ave., Bklyn.  
 Blackmar, A. E., Jr. 3 *l*  
     865 Park Pl., Bklyn.  
 Blackwell, J. M. 3 *l* 42 E. 81  
 Blaisdell, M. † *gr ed* 99 Claremont ave.  
 Blake, A. R. † *gr* Whittier  
 Blake, D. M. † 2 *b* 403 W. 115  
 Blake, H. R. 4 *ed* Furnald  
 Blake, W. O. *phar* 115 W. 68  
 Blancke, L. M. 1 *l* 416 W. 118  
 Blankenstein, M. M. † *gr* 420 W. 121  
 Blanton, H. W. 3 *m* Furnald  
 Blanton, W. B. 4 *m* Furnald  
 Blasenstein, J. 2 *c* 306 E. 103  
 Blaso, J. G. *phar* 139 West End ave.  
 Blatz, E. † 2 *pa* 28 Jacques, Elizabeth  
 Blau, J. *phar* 1721 Garfield  
 Blauck, A. P. 1 *c* 548 W. 140  
 Blaustein, M. 3 *c*  
     39 St. Joseph's ave., Yonkers  
 Blaut, S. J. 4 *s* 148 E. 92  
 Blaustein, M. 1 *m*  
     39 St. Joseph's ave., Yonkers  
 Blauvelt, A. L. † *gr ed* 519 W. 121  
 Blauvelt, H. 3 *m* 338 W. 12  
 Blauvelt, W. H. *nm ed* 458 E. 185  
 Bleil, C. J. 4 *s* 461 Edgecombe Rd.  
 Blenkhorn, H. † *nm pa* 421 W. 121  
 Blewett, G. F. 4 *c* 169 Clinton, Bklyn.  
 Bliss, F. W. 4 *c* 322 W. 113  
 Bliss, W. P. 4 *m* 348 W. 57  
 Bliven, H. † 2 *pa* 464 Riverside Dr.  
 Bloch, B. † 1 *pa* Patterson, N. Y.  
 Bloch, L. *nm pa* 503 W. 178  
 Bloch, M. 1 *c* 416 W. 122  
 Bloch, S. † 4 *b* 501 W. 121  
 Block, D. W. † *gr*  
     398 McDonough, Bklyn.  
 Block, H. L. *phar* 124 E. 104  
 Block, M. 4 *s* 1161 E. 21, Bklyn.  
 Blodgett, E. † *gr ed* 503 W. 121  
 Blomeier, W. H. *phar* 439 Ninth ave.  
 Blondel, D. M. † 4 *b* 1 Manhattan ave.  
 Blood, W. H. 3 *m* 1939 Daly ave.  
 Bloom, I. M. *gr* 18 W. 107  
 Bloom, P. D. *phar* 4815 Third ave.  
 Bloomsburg, R. A. 1 *s* Hartley  
 Blout, M. † 2 *b* 39 Claremont ave.  
 Bludinger, I. *gr* 879 Freeman  
 Blue, G. E. 4 *m* 115 W. 64  
 Bluestone, E. M. 4 *m* 215 E. Broadway  
 Blum, V. H. † *gr* 254 W. 98  
 Blumenthal, F. † *gr ed* 127 W. 112  
 Blumgarten, C. † 1 *pa*  
     1114 Madison ave.  
 Bly, H. D. 1 *l* Livingston  
 Bly, R. S. *gr* 500 W. 114

Blythe, M. E. † *gr ed* 420 W. 121  
 Boak, M. † *gr ed* 523 W. 121  
 Boardman, A. E. † *gr ed*  
     981 Madison ave.  
 Boas, B. † *gr ed* 140 Claremont ave.  
 Boas, E. † 2 *b* 10 W. 88  
 Boas, G. † 1 *b*  
     230 Franklin ave., Grantwood, N. J.  
 Boaz, E. † *nm pa* 421 W. 121  
 Boaz, R. † *nm pa* 421 W. 121  
 Bodine, M. C. † *nm ed* Montvale, N. J.  
 Bodler, S. L. † *gr* Whittier  
 Boehmke, M. J. W. *gr ed* 575 W. 187  
 Bogart, M. † 3 *pa* Whittier  
 Bogle, R. F. 3 *l* Livingston  
 Bohlin, H. G. 4 *s*  
     98 Paulison ave., Ridgefield Park  
 Böhm, E. M. 2 *l* 1199 Boston Rd.  
 Bohm, F. † *nm ed* 617 W. 113  
 Boland, J. R. *a* 565 W. 113  
 Bolger, J. V. † *gr* 1891 Madison ave.  
 Boll, A. J. *gr ed* 115 E. 31  
 Bolnik, L. † *gr ed*  
     59 Grove ave., New Rochelle  
 Boltz, O. H. 1 *m* 605 Union ave.  
 Boman, J. S. *gr* 1113 Lexington ave.  
 Bonbright J. C. *gr* 606 W. 122  
 Bond, R. † *nm ed* Whittier  
 Bond, W. M. *gr ed* 2040 Fifth ave.  
 Bonfoey, E. C. † *gr* 1238 Pacific, Bklyn.  
 Bongiorno, P. 2 *l* 319 E. 48  
 Bonime, R. G. 2 *c* 783 Beck  
 Bonnell, G. † 3 *b* 545 Morris ave.  
 Bonnlander, V. C. *gr* 175 Ninth ave.  
 Bonvicino, E. *phar*  
     7309 Third ave., Bklyn.  
 Bonvicino, L. A. 4 *m*  
     7309 Third ave., Bklyn.  
 Booge, J. E. *gr* 499 W. 135  
 Booth, A. D. † 4 *pa* 74 W. 92  
 Booth, E. L. *sp s* Furnald  
 Booth, F 3 *l* 310 W. 112  
 Booth, R. G. *gr* Livingston  
 Boothby, A. Z. *nm ed*  
 Boots, R. S. *gr* 507 W. 124  
 Booxbaum, A. *phar* 545 E. 139  
 Borden, A. J. † 1 *b* 13 W. 54  
 Borden, W. H., Jr. *gr* 234 Bradhurst ave.  
 Borders, K. *gr* 600 W. 122  
 Boretz, M. E. † *gr* 8 E. 9  
 Borklund, C. A. *gr ed* 242 E. 202  
 Bornet, J. *phar* 455 E. 179  
 Borshaw, H. 1 *c*  
     512 Washington, Hoboken  
 Bos, J. *nm gr* Madison, N. J.  
 Bosniak, J. *gr* 132 E. 112  
 Bostanian, K. 4 *m* 11 E. 116  
 Bosworth, M. B. † *gr ed* 420 W. 119  
 Botsford, J. B. *gr* 550 W. 114

- Boughton, A. C. † *gr* 507 W. 130  
 Boughton, M. † 1 *pa* 308 Carlton ave., Bklyn.  
 Bowen, A. † *nm pa* 18 E. 127  
 Bowen, C. W. 2 *l* 522 W. 123  
 Bowen, R. H. *gr* 330 Summit ave., Mt. Vernon  
 Bowen, W. S. 3 *c* 405 W. 118  
 Bower, C. W. *phar* 578 Newark ave., Jersey City  
 Bowers, A. M. † *gr* 519 W. 123  
 Bowers, F. C. 3 *c* 63 E. 128  
 Bowes, A. N. 3 *s* 869 W. 180  
 Bowles, J. P. 3 *c* 29 Clinton ave., Port Richmond  
 Bowman, M. C. *sp s* 126 Jewett ave., Jersey City  
 Bowton, R. C. *gr ed* 363 W. 123  
 Boyce, C. 1 *c* 538 W. 114  
 Boyce, J. W. † *gr ed* 420 W. 121  
 Boyce, M. † *nm pa* 27 Washington, East Orange  
 Boyce, P. L. 3 *l* 519 W. 124  
 Boyd, O. A. † *gr* 259 Decatur, Bklyn.  
 Boyd, P. B. † 4 *pa* 229 Nelson ave., Peekskill  
 Boynton, A. L. † *nm ed* 523 W. 121  
 Boyson, B. D. † *gr* 551 W. 157  
 Brace, E. F. 3 *c* 55-26th, Elmhurst  
 Bradley, B. W. *gr ed* Hastings-on-Hudson  
 Bradley, E. † *nm b* 606 W. 116  
 Bradley, E. H. 1 *c* 168 Sterling Pl., Bklyn.  
 Bradley, L. C. 3 *s* 531 W. 113  
 Bradner, C. M. † *nm ed* 501 W. 121  
 Bradner, P. 2 *l* 306 W. 21  
 Bradshaw, M. J. *gr* 606 W. 135  
 Bradt, A. H. † *gr ed* 106 Morningside Dr.  
 Brady, A. † 1 *pa* 523 W. 121  
 Brady, L. A. † 3 *pa* 417 W. 144  
 Brady, L. E. † *gr ed* Whittier  
 Brahdy, L. 4 *m* 94 Seventh ave., Bklyn.  
 Braine, M. † 2 *b* 198 Jefferson ave., Bklyn.  
 Brainerd, H. R. 4 *c* 135 E. 30  
 Brainerd, R. M. † 1 *pa* Whittier  
 Braislín, W. D. 3 *m* 556 Washington ave., Bklyn.  
 Braisted, F. A. *sp s* 434 W. 120  
 Braithwaite, K. † 4 *pa* Whittier  
 Brand, E. † 1 *b* 122 E. 95  
 Brandstein, J. S. 1 *c* 1151 Longfellow ave.  
 Brandt, M. A. *gr ed* 142 W. 112  
 Branham, M. H. † *gr ed* 417 W. 120  
 Branner, E. C. † 1 *pa* 143 W. 127  
 Brannin, N. † *nm ed* Atlantic Highlands  
 Braslowsky, I. *nm c* 670 Hopkinson ave., Bklyn.  
 Bratton, W. N. 4 *s* 536 W. 114  
 Braun, G. A. 3 *m* 302 Hunterdon, Newark  
 Braunstein, D. 1 *c* 601 W. 172  
 Brayton, L. † *gr* 301 Summer ave., Newark  
 Breakstone, R. 3 *c* 9 Suffolk  
 Brecher, M. W. † *gr* 724 Hamilton ave., Richmond Hill  
 Breckenfeld, M. † *nm ed* 606 W. 116  
 Breen, R. T. 611 West End ave.  
 Breeze, F. J. *nm gr* 2936 Bainbridge ave.  
 Breiling, R. 3 *pa* 1081 Madison, Bklyn.  
 Breingan, J. M. † *gr ed* 188 S. 6, Newark  
 Breiting, R. L. † *gr* 136 W. 91  
 Bremer, P. E. † 3 *b* 461 Ft. Washington ave.  
 Brenk, C. E. † *nm pa* The Lincoln, Claremont ave.  
 Brennan, B. *phar* 115 W. 68  
 Brennan, J. E. *gr* 3 Liberty Road, Englewood,  
 Brennan, R. † 4 *pa* 59 Landscape ave., Yonkers  
 Brennecke, E. 3 *c* 168 W. 100  
 Brennecke, H. *gr* 168 W. 100  
 Bressler, H. B. † *gr* 158 Second ave., Long Island City  
 Brettauer, M. † *nm gr* 1063 Madison ave.  
 Breuer, W. H. *gr* 169 Hewes, Bklyn.  
 Brewster, E. V. † *nm ed* Whittier  
 Brewster, W. H. 1 *c* 40 Morningside ave.  
 Brice, L. K. † 1 *pa* 144 E. 19  
 Bricker, H. C. 4 *c* 100 Ellery, Bklyn.  
 Bridges, M. A. 1 *m* 148 W. 74  
 Brieant, C. L. 4 *c* Farnald  
 Brieger, M. *phar* 600 Riverside Dr.  
 Briggs, A. B. † *nm ed* 16 Prospect, East Orange  
 Bright, B. 1 *c* Woodport, N. J.  
 Bright, F. M. 1 *c* 67 W. 140  
 Brinckerhoff, H. T. *a* 110 Monroe, Bklyn.  
 Brinton, B. H. 3 *l* Hartley  
 Brinton, G. † *nm ed* 519 W. 121  
 Bristol, E. M. † 4 *pa* 620 W. 122  
 Bristol, E. S. 1 *s* 466 W. 153  
 Bristol, R. L. † *nm ed* 523 W. 121  
 Brittain, A. † *gr* 221 Sherman ave.  
 Brittain, E. † 1 *b* Brooks  
 Brizzolara, R. 4 *s* 148 E. 86  
 Broches, L. *gr* 400 Manhattan ave.  
 Brockway, D. † 1 *b* 35 W. 38  
 Broderick, J. H. 1 *c* 216 Park ave., Yonkers  
 Broderick, K. M. † 3 *pa* 355 Pacific ave., Jersey City  
 Brodie, H. † *nm pa* 147-85th, Bklyn.

- Brodsky, F. *a* 533 First ave., Astoria  
 Brodsky, L. † *4 b* 207 E. 10  
 Broe, E. P. V. *3 s* 214 E. 61  
 Brohl, A. † *nm ed* 181 Claremont ave.  
 Brohun, M. S. *1 m* 346 W. 53  
 Bronwere, H. W. † *pa*  
     32 Passaic, Garfield, N. J.  
 Brookman, H. A. *phar* 303 Broome  
 Brooks, E. † *1 pa* Whittier  
 Brooks, F. D. † *gr ed* 525 W. 123  
 Brooks, F. D. *nm ed* 525 W. 123  
 Brooks, R. P. *gr ed*  
     18 Eighteenth ave, Paterson  
 Brophy, J. M. *gr ed*  
     154 Washington, Mt. Vernon  
 Brosnan, L. J. *1 l* 130 W. 78  
 Broter, L. J. *nm pa* 4 St. Paul's Pl.  
 Brotherlin, H. M. † *1 pa* Whittier  
 Brotsky, R. † *phar* 326 Third ave.  
 Brough, F. † *1 pa* Whittier  
 Broughton, L. G., Jr. *nm l* Livingston  
 Broughton, M. *1 pa*  
     308 Carlton ave., Bklyn.  
 Broughton, N. B. *1 m* Livingston  
 Broun, L. L. *2 c* 616 W. 113  
 Brous, L. *3 c* 95 W. 119  
 Brower, B. *1 l* 314 W. 91  
 Brown, A. *gr ed* 44 W. 65  
 Brown, A. M. *gr* Livingston  
 Brown, A. M. † *3 pa* 418 W. 118  
 Brown, C. R. *2 c* 216 W. 89  
 Brown, D. M. † *gr* 400 W. 118  
 Brown, E., Jr. *gr* Furnald  
 Brown, E. B. *gr* 400 W. 118  
 Brown, E. G. *a* 501 W. 120  
 Brown, E. S. † *gr* 48 Elm, Montclair  
 Brown, E. T. † *4 pa* Park Hill, Yonkers  
 Brown, F. † *nm pa* 237 E. 104  
 Brown, F. M. *nm l* Livingston  
 Brown, F. P. † *nm pa* 422 E. 120  
 Brown, F. S. † *gr ed* 401 W. 118  
 Brown, F. W. *2 c*  
     302 Bement ave., West New Brighton  
 Brown, G. † *gr* 169 Albany ave., Bklyn.  
 Brown, G. L. † *4 ed* 419 W. 119  
 Brown, H. R. † *1 b* Brooks  
 Brown, H. W. *2 c*  
     225 S. Tenth ave., Mt. Vernon  
 Brown, I. H. *gr* 501 W. 121  
 Brown, J. *1 c* 224 W. 105  
 Brown, J. B. † *gr ed*  
 Brown, J. B. *gr* 417 W. 120  
 Brown, J. H. *2 c* 224 W. 105  
 Brown, L. *gr ed* 352 E. 84  
 Brown, L. A. *phar*  
     50 W. Palisade, Englewood  
 Brown, L. C. † *1 b* 1054 Bergen, Bklyn.  
 Brown, L. R. *phar* 115 W. 68  
 Brown, M. † *nm pa* Whittier  
 Brown, M. C. † *nm pa* Whittier  
 Brown, M. M. † *gr* 400 W. 118  
 Brown, P. E., Jr. *2 pa* 19 N. Mary-  
     land ave., Port Washington  
 Brown, P. M. † *nm pa* 501 W. 120  
 Brown, R. † *sp b* Brooks  
 Brown, R. B. *gr* 269 W. 12  
 Brown, S. I. † *4 ed* 509 W. 122  
 Brown, W. B. *1 c* Mamaroneck  
 Brown, W. B. *3 c* 69 E. 123  
 Brown, W. S. *1 j* Furnald  
 Browne, M. S. † *4 pa* 425 W. 114  
 Browne, T. C. *gr* 600 W. 122  
 Browning, G. E. *2 m* 346 W. 57  
 Browning, J. S., Jr. *1 c* 22 E. 75  
 Browning, P. D. *4 s* Furnald  
 Bruce, J. L. *gr ed* 530 W. 123  
 Brueckmann, E. C. *3 s*  
     24 White Terrace, Newark  
 Bruins, F. W. *gr* 510 W. 124  
 Brumberg, Z. C. *1 c* Hartley  
 Bruner, A. B. *4 m* 31 W. 61  
 Brunner, R. † *gr* 547 E. 3, Mt. Vernon  
 Bruno, G. *phar* 232 Eighth Ave.  
 Brunswick, L. *phar* 552 Palisade ave.  
 Brush, W. † *nm pa* 503 W. 121  
 Bryan, A. M. † *3 pa* 149-81st, Bklyn.  
 Bryan, D. M. † *1 b* 149-81st, Bklyn.  
 Bryan, J. B. † *2 pa* 1207 Ave. V, Bklyn.  
 Bryan, J. S. *gr ed*  
     7 Bellaire Dr., Montclair  
 Bryant, S. † *gr ed*  
     41 Prospect ave., Montclair  
 Bryce, P. C. *2 l* 1025 Fifth ave.  
 Buccanning, L. H. *phar* 115 W. 68  
 Bucci, N. *4 c* 520 E. 164  
 Buch, E. † *2 b* 320 Central Pk. West  
 Buch, V. W. † *gr* 504 E. 171  
 Buchanan, B. E. *1 c* 387 Convent ave.  
 Buchanan, F. D. † *nm pa* 183 W. 88  
 Buchanan, O. C. *1 l* 501 W. 121  
 Buchler, L. E. M. *gr* 116 W. 105  
 Buchman, A. † *1 b* 39 W. 85  
 Buchman, L. *3 c* 38 Bartlett, Bklyn.  
 Buck, A. E. *gr* 510 W. 124  
 Buck, B. † *1 pa* 532 W. 111  
 Buck, E. M. † *gr*  
     8 Baldwin ave., Jersey City  
 Buck, L. B. † *gr* Randall's Island  
 Buck, O. † *nm ed* 435 Park, Hackensack  
 Buck, R. S. Jr. *a* 838 Riverside Dr.  
 Buckbee, J. † *2 b* 5000 Broadway  
 Buckley, A. † *4 pa* Whittier  
 Buckley, C. P. *1 l* 104 Montague, Bklyn  
 Buckley, G. † *nm pa* Whittier  
 Buckner, C. A. *gr ed* 519 W. 121  
 Buckwald, H. M. *4 s* 2234 Seventh ave.  
 Budinoff, R. E. † *2 b*  
     237a Schenectady ave., Bklyn.

- Buehler, E. A. † *gr*  
778 S. 10, Newark.
- Buermeyer, H. A. 4 *c* 619 W. 113
- Buermeyer, M. D. † 4 *pa*  
193 St. Johns Pl., Bklyn.
- Bugbee, W. C. *nm c*  
775 Bloomfield ave., Montclair
- Bulger, G. W. *gr ed*  
19 Prospect Terrace, East Orange
- Bull, C. B., Jr. 2 *c* Hartley
- Bull, D. C. 4 *m* Naugatuck, Conn.
- Bullard, E. † 4 *pa* 519 W. 121
- Bullard, M. W. † *gr* Whittier
- Bullen, B. C. 3 *m* 346 W. 57
- Bullinger, J. A. *nm gr* 50 E. 58
- Bullock, F. M. † *nm ed* 1790 Clinton ave.
- Bullock, G. T. † *nm ed* 540 W. 122
- Bullock, H. L. 2 *c*
- Bullock, W. W. *gr ed*  
Hastings-on-Hudson
- Bullwinkel, H. G. 3 *c* 608 W. 113
- Bulter, M. E. † *gr*  
404 Eighth ave., Bklyn.
- Bunce, E. *nm ed*  
68 Central ave., Lodi, N. J.
- Bunger, A. G. † 1 *b* Brooks
- Bunker, A. D. V. † 3 *b* 415 W. 118
- Bunnekamp, W. E. 2 *c*  
104 Phelps ave., South Englewood
- Bunnell, R. D. *nm l*  
Ft. Washington ave. & 174
- Bunzel, B. † *gr* 300 Central Pk. West
- Bunzel, E. E. 2 *m* 302 W. 92
- Bunzel, R. L. † 2 *b* 300 Central Pk. West
- Bunzl, J. V. 3 *l* 121 E. 72
- Bunzl, L. C. † *gr* 121 E. 72
- Bunzl, W. G. 4 *s* 175 W. 72
- Buonaguro, M. J. 1 *c* 852 Hart, Bklyn.
- Burbank, M. † *nm pa*  
55 Caryl ave., Yonkers
- Burch, D. † 3 *pa* 450 W. 149
- Burch, H. E. † *gr* Whittier
- Burchel, A. V. 3 *l* 563 W. 182
- Burdett, M. † 4 *pa*  
173 Park ave., East Orange
- Burdick, H. E. † 1 *pa* Whittier
- Burdick, M. C. † *nm ed*  
35 Hoyt, Stamford, Conn.
- Burdick, R. D. 1 *c* 506 W. 147
- Burgess, E. P. J. *nm gr* 435 W. 119
- Burgess, T. 3 *l* 530 W. 123
- Burghard, E. G. 2 *l* 1 E. 93
- Burghard, F. J. 2 *c* 1 E. 93
- Burghard, G. E. 4 *c* 1 E. 93
- Burgi, L. E. † 3 *b* 903 E. 139
- Burk, D. L. *gr* Hartley
- Burke, E. J. † 3 *pa* Whittier
- Burke, H. J. *a* 505 W. 122
- Burke, S. P. 2 *c* 3151 Sedgwick ave.
- Burkhard, S. *gr ed* 500 Manhattan ave.
- Burkholder, L. V. † *nm pa* 501 W. 121
- Burleigh, J. P. 2 *l* Furnald
- Burmeister, N. C. † *gr* 416 W. 118
- Burnes, W. R. 1 *c*  
530 N. Main, Port Chester
- Burnett, A. P. 3 *c* West Summit, N. J.
- Burnett, E. † 1 *pa* 435 W. 119
- Burnham, A. L. † *gr* 423 W. 120
- Burnham, M. T. † *gr* 414 W. 120
- Burnham, R. W. *gr ed*  
1801 Dorchester Rd., Bklyn.
- Burnholz, H. S. 3 *s* 455 E. Houston
- Burns, A. † 1 *pa* 2041 Fifth ave.
- Burns, A. † 3 *pa* 519 W. 121
- Burns, A. E. 1 *c* Hartley
- Burns, A. P. † 3 *b*  
58 N. Henry, Rockaway Beach
- Burns, C. † 2 *b* 684 St. Nicholas ave.
- Burns, E. † *gr* 1649 Topping ave.
- Burns, H. M. *phar* 154 Ninth ave.
- Burns, J. H. 4 *pa* Hartley
- Burns, M. E. † 1 *b* 1 W. 106
- Burns, R. L. 4 *pa* Cliffside, N. J.
- Burns, S. M. 3 *pa* 86 W. Grand, Elizabeth
- Burroughs, W. 2 *pa* Mount Hope, N. Y.
- Burroughs, W. G. *gr ed*  
Mount Hope, N. Y.
- Burrows, B. † 3 *b*  
110 Penn ave., Creswood, Tuckahoe
- Burrows, D. † 2 *b* 82 W. 105
- Burstein, A. *gr* 247 W. 130
- Burtenshaw, A. D. † 3 *b*  
107 Broadway, Tarrytown
- Burttt, E. A. *gr* 600 W. 122
- Busbee, C. † *gr* Whittier
- Busch, E. A. † *gr ed*  
Erasmus Hall H. S., Bklyn.
- Busch, I. 3 *c* 158 Ross, Bklyn.
- Busch, L. C. V. 3 *c* 416 W. 118
- Buss, J. *phar* 386 Audubon ave.
- Bussell, H. *phar* 3787 Broadway
- Buswell, C. E. 3 *m* Leonia
- Butler, C. A. 3 *l* 300 Central Pk. West
- Butler, C. T. 4 *m* 30 E. 72
- Butler, H. F. 4 *s* 531 W. 113
- Butler, M. E. † *gr* 404 Eighth ave., Bklyn.
- Butler, V. deP 1 *m*  
25 Monitor, Jersey City
- Buttenbaum, F. D. *phar*  
575 Jefferson Pl., Town of Union, N.J.
- Buttenweiser, B. 1 *c*  
300 Central Park West
- Buttenwieser, C. 1 *c*  
300 Central Pk. West
- Butterworth, G. F., Jr. 3 *l* 627 W. 115
- Buvington, R. † 2 *b* 312 W. 75
- Buxbaum, A. D. † *gr*  
411 Throop ave., Bklyn.

Buzzelle, M. C. † *gr ed* 522 W. 123  
 Byan, J. *gr ed* 7 Bellaire Ave., Montclair  
 Byrne, W. J. 2 *c* 244 W. 101  
 Byrnes, A. M. H. † *gr* Whittier  
 Byrnes, L. † *gr ed* Whittier  
 Byrnes, M. † 4 *pa* 50 N. 19, Flushing  
 Byron, O. † 3 *pa* Whittier  
 Cabell, C. 3 *pa* 515 W. 110  
 Caddigan, A. A. *phar* 115 W. 68  
 Cadman, F. L. 3 *l* 2 Spencer Pl., Bklyn.  
 Caffrey, E. R. † *phar*  
 46 Harrison, Stapleton  
 Cagnina, P. J. *phar* 1809 Lexington ave.  
 Cahen, E. G. † 2 *b* 353 Central Pk. West  
 Cahen, E. R. † 2 *b* 354 Central Pk. West  
 Cahill, M. F. † *gr* 2 Beekman Pl.  
 Calder, B. † *gr ed* 540 W. 160  
 Calder, E. 4 *c* Hartley  
 Calder, M. 29 Claremont ave.  
 Caldwell, C. M. † *gr* 716 Union ave.  
 Caldwell, G. D. 3 *l* 633 W. 115  
 Caldwell, H. B. 1 *c*  
 139 Rich ave., Mt. Vernon  
 Calfee, J. E. *gr ed*  
 Callahan, F. J. *gr* 84 Third Pl., Bklyn.  
 Callahan, F. P. 2 *l*  
 933 Eastern Parkway, Bklyn.  
 Callahan, W. S. 2 *c* 111 Nelson, Bklyn.  
 Callan, H. † 3 *b* 870 E. 175  
 Callaway, C. W. 1 *c* 17 Summer, Orange  
 Callin, M. S. † *gr ed* Whittier  
 Calvert, J. D. † *gr* Whittier  
 Calvin, M. J. † *gr ed* 414 W. 118  
 Camp, C. † *nm b* 106 E. 52  
 Camp, C. L. *gr* Livingston  
 Camp, C. W. 2 *c* 30 Fulton, Newark  
 Campbell, A. *gr ed* 48 Henry  
 Campbell, B. M. † *gr ed*  
 Sound Beach, Conn.  
 Campbell, C. B. 1 *c* 1434 Bryant ave.  
 Campbell, C. H. 1 *l* 1123 Lind ave.  
 Campbell, D. † *gr* 319-8th, Bklyn.  
 Campbell, E. † 3 *pa* Whittier  
 Campbell, F. M. † *gr ed* 40 W. 72  
 Campbell, H. B. 1 *c* 736 W. 181  
 Campbell, J. A. *nm l*  
 146 Central Pk. West  
 Campbell, J. R. 1 *c* Fernald  
 Campbell, M. † 2 *pa*  
 16 Treacy ave., Newark  
 Campbell, M. D. † *gr ed* 416 W. 120  
 Campbell, M. L. † 3 *b*  
 Campbell, N. † 3 *pa* 519 W. 121  
 Campbell, R. A. *nm pa* 547 W. 123  
 Campbell, W. E., Jr. 2 *m* 346 W. 57  
 Campbell, W. R. *gr* 175 Ninth ave.  
 Campiglia, S. † 4 *pa* Whittier  
 Canfield, G. † 1 *pa*  
 108 Greenwood ave., East Orange

Cannon, C. M., Jr. *a* 303 W. 76  
 Cannon, M. A. † *gr* 331 W. 101  
 Cannon, T. L. 2 *l* 303 W. 76  
 Cannon, V. M. † *nm ed*  
 92a Astor Pl., Jersey City  
 Cantalupo, J. A. *phar* 24 Vandam  
 Canterbury, H. H. 3 *c* 410 W. 115  
 Cantor, T. *phar* 852 E. 163  
 Cantwell, E. P. † *gr* 925 Park ave.  
 Capeci, E. *phar* 28 Willow, Port Chester  
 Capek, T. 1 *c* 340 E. 198  
 Capshaw, C. P. 3 *l* Livingston  
 Capshaw, H. J. 3 *l* Livingston  
 Carberry, F. B. † 2 *pa*  
 215 Livingston, Elizabeth  
 Carbonara, T. † 1 *b*  
 169a Utica ave., Bklyn.  
 Carey, C. L. † *nm b*  
 Luddington Rd., West Orange  
 Carey, R. † 2 *pa*  
 5 Livingston ave., Yonkers  
 Carhart, E. H., Jr. *gr* 175 Ninth ave.  
 Carlebach, R. E. † *gr* 40 E. 83  
 Carling, F. E. † 3 *pa* St. Luke's Hospital  
 Carling, M. V. † 3 *pa*  
 99 Claremont ave.  
 Carlisle, L. B. † *gr* Whittier  
 Carll, S. E. 1 *j* 106 Morningside Dr.  
 Carman, K. V. 4 *pa* Westfield, N.J.  
 Carman, W. W., Jr. 1 *l*  
 95 Hobart ave., Summit, N.J.  
 Carmody, M. R. † 1 *b*  
 212 Primrose ave., Mt. Vernon  
 Carnall, W. T. 3 *l* Fernald  
 Carnelli, C. M. 4 *s* 160 E. 115  
 Caroly, L. M. † *nm gr* 512 W. 179  
 Caropresi, L. *phar* 258 E. 112  
 Carothers, F. E. † 4 *b* 1154-49th, Bklyn.  
 Carpe, A. 3 *s* 321 W. 82  
 Carpenter, F. 1 *m* 318 W. 47  
 Carpenter, H. B. 2 *l* Hartley  
 Carpenter, I. M. † *gr* 26 Jones  
 Carpenter, J. T. 2 *l* 417 W. 117  
 Carpenter, S. E. † 4 *ed* 514 W. 122  
 Carr, E. F. † 1 *b* Brooks  
 Carr, K. L. † 4 *pa* Whittier  
 Carrier, E. M. *phar* 115 W. 68  
 Carroll, C. A. *gr* 351 W. 97  
 Carroll, D. D. *gr* Livingston  
 Carroll, J. † *gr ed* 450 Clinton ave., Bklyn.  
 Carroll, J. D. 4 *s* 540 E. 76  
 Carroll, J. E. 1 *c*  
 1370 Bushwick ave., Bklyn.  
 Carroll, J. W. *gr* 423 W. 120  
 Carroll, P. L. *sp s* 191 Caremont ave.  
 Carsley, F. B. † *gr ed*  
 115 Union, Hackensack  
 Carson, L. C. † *nm gr*. 430 W. 119  
 Carson, N. V. † *gr* Whittier

- Carter, H. † 3 *pa* 187 Leonia ave., Leonia  
 Carter, L. E. *gr* Livingston  
 Cartwright, B. *nm l* 414 W. 121  
 Carver, F. W. *phar* Ellenville  
 Cary, L. P. *gr* 600 W. 122  
 Cary, W. L. *nm l*  
 Casamajor, M. † *nm gr*  
     372 Greene ave., Bklyn.  
 Casasus, L. *a* 575 West End ave.  
 Casavio, J. N. *phar* 315 W. 40  
 Casey, A. M. † *gr ed* 50 Morningside Dr.  
 Cashman, G. A. 1 *m* 346 W. 48  
 Caskey, T. *gr ed* 119 W. 117  
 Cassel, T. † *gr* 22 E. 89  
 Cassidy, H. H. 2 *l* 558 W. 113  
 Casteen, M. L. † 4 *pa* Whittier  
 Castello, F. † 3 *pa* 125 Clifton Pl., Bklyn.  
 Caster, M. E. † *gr ed* 500 W. 122  
 Castles, J. W. 1 *l* Spencer Arms Apts.  
 Castruccio, C. M. 3 *l* Furnald  
 Cate, W. E. *gr ed* Long Branch, N.J.  
 Catlin, L. E. † *gr* 285 Henry, Bklyn.  
 Catlin, M. † *gr ed* Whittier  
 Catzen, B. H. 3 *l*  
 Cauble, L. A. † *gr* 628 W. 114  
 Cavanaugh, J. † *nm pa*  
     46a James, Newark  
 Caverly, C. E., Jr 3 *m* Hartley  
 Caverno, D. R. † *gr* 131 E. 66  
 Cavert, S. M. *gr* 600 W. 122  
 Cawl, F. R. *gr ed*  
     783 Warburton ave., Yonkers  
 Caygill, H. W. 3 *c* 619 W. 113  
 Celano, J. V. *phar* 317 E. 116  
 Celano, M. *phar* 317 E. 116  
 Cermak, M. C. † *gr* 417 E. 69  
 Cerow, G. A. † *gr* 511 W. 171  
 Chaband, M. † 3 *b*  
     183 Young, Long Island City  
 Chace, E. P. † *gr ed* Whittier  
 Chaffee, E. B. *nm gr* 600 W. 122  
 Chaffee, M. † *gr* 505 W. 121  
 Chalian, V. F. *phar* 115 W. 68  
 Chamberlain, K. F. 3 *c* 417 W. 118  
 Chamberlayne, B. † 4 *pa* 420 W. 119  
 Chamberlin, C. J. *gr* 600 W. 122  
 Chamberlin, M. E. 1 *c* Hartley  
 Champion, C. W. 3 *pa* 505 W. 121  
 Chancellor, M. L. † 3 *j* Brooks  
 Chandler, W. H. *gr* 600 W. 122  
 Chang, C. C. *gr* Hartley  
 Chang, C. C. *gr* 416 W. 118  
 Chang, P. C. *gr ed* Livingston  
 Chang, Y. 1 *c* Furnald  
 Chankin, V. *gr* 1050 Hoe ave.  
 Chapin, J. P. 4 *c*  
     65 Fairview ave., New Brighton  
 Chapman, H. † *gr ed*  
     4 Valley Pl., Edgewater  
 Chapman, I. T. *gr ed* Norwalk, Conn.  
 Chapman, W. H. 3 *m* 346 W. 57  
 Chard, W. G. *gr* 969 Park ave.  
 Charles, J. W. *gr ed* 420 W. 121  
 Chasan, I. 3 *c* 54 Maspeth ave., Maspeth  
 Chase, C. H. *gr* 140 W. 105  
 Chase, C. M. † *nm pa* 416 W. 118  
 Chase, L. S. *gr ed*  
     25 Myrtle ave., Montclair  
 Chase, M. B. † 3 *pa* 245 W. 115  
 Chase, S. † *nm ed* Whittier  
 Chasin, N. † *phar* 27 E. 7  
 Chassy, L. *nm c* 1535 Hoe ave.  
 Chastagner, P. J. P. 3 *s*  
     387 Palmer ave., Yonkers  
 Chauncey, M. R. *gr ed* Furnald  
 Chaves, M. *gr* 547 W. 129  
 Cheifetz, S. † 4 *pa* 835 W. 178  
 Chelowitz, I. R. 1 *c*  
     274 Humboldt, Bklyn.  
 Chen, C. H. 4 *c* Hartley  
 Cheng, I. *nm gr* Furnald  
 Cherry, A. M. † *gr*  
     118 Harrison ave., Westfield, N.J.  
 Chesno, J. R. *phar* 21 E. 15  
 Chester, E. A. *gr* 600 W. 122  
 Chester, W. M. 3 *l* 270 Riverside Dr.  
 Chew, E. M. † 1 *pa* Whittier  
 Chew, W. N. 2 *c* Furnald  
 Chi, H. *nm c* Hartley  
 Chien, C. H. *gr* 500 W. 122  
 Child, F. † 3 *b* 122 E. 34  
 Child, M. B. † *gr* 820 President, Bklyn.  
 Ching, T. Y. *gr ed* 551 W. 169  
 Chipkin, I. S. *gr ed* 126 W. 115  
 Chipley, W. G. *nm pa* 111 W. 93  
 Chirico, A. *phar* 371 Broome  
 Chiu, V. Y. *gr* Furnald  
 Choate, M. † *nm b* 8 E. 63  
 Chobotsky, I. † 1 *pa*  
     300 Sip ave., Jersey City  
 Chow, T. K. *gr* 403 W. 115  
 Christianson, E. † *nm pa* 414 W. 121  
 Christie, J. O. † *gr* 423 W. 118  
 Christie, L. J. † 3 *pa*  
     114 Beacon ave., Jersey City  
 Christina, V. *phar* 163 E. 72  
 Christmann, L. J. 3 *c*  
     2120 La Fontaine ave.  
 Christoffers, C. 2 *c* 299 E. 4, Bklyn.  
 Chu, C. *gr* Hartley  
 Chu, L. *gr* Hartley  
 Chu, V. G. *gr* 500 W. 122  
 Chuan, S. J. *gr* 403 W. 115  
 Church, N. J. † 3 *pa* Whittier  
 Cieser, S. 1 *c* Hartley  
 Claffin, A. † *nm b* 7 E. 9  
 Claiborne, R. W. 2 *l* Furnald  
 Clancey, H. L. † *gr* 335 E. 19, Bklyn.

Clark, A. R. † *gr* 18 Pierrepont, Bklyn.  
 Clark, A. T. 2 *l* Furnald  
 Clark, B. M. *a* 540 W. 122  
 Clark, D. M. † *gr* Whittier  
 Clark, F. R. † *gr* 41 Morris, Yonkers  
 Clark, H. L. † *gr ed* 106 Morningside Dr.  
 Clark, J. A. † 4 *pa* Whittier  
 Clark, J. M. † *gr ed* 431 W. 121  
 Clark, M. † 1 *b* 656 St. Nicholas ave.  
 Clark, M. † *nm pa* Whittier  
 Clark, M. A. † *gr ed* Bedford Hills  
 Clark, M. G. † *nm ed*  
 668 Mt. Prospect ave., Newark  
 Clark, M. M. † *gr* 509 W. 122  
 Clark, S. G. † *gr ed* 414 W. 118  
 Clark, S. G. *nm gr* 414 W. 118  
 Clark, W. R. 4 *c* 627 W. 115  
 Clarke, E. W. 1 *m* Tenafly  
 Clarke, F. † 3 *pa* 156 Grant ave.  
 Clarke, L. † *gr* 128 Henry, Bklyn.  
 Clarcken, J. A. *nm c* 668 Main, Paterson  
 Class, T. S. 3 *l*  
 210 Ross Pl., Westfield N. J.  
 Clausen, B. C. *gr* 50 E. 2, Mt. Vernon  
 Clauss, M. † *gr* 1936 Benedict ave.  
 Cleary, E. H. 2 *c* 221 W. 57  
 Cleaves, W. M. *gr* 546 W. 124  
 Clegg, A. A. *gr ed* 181 Lewis ave., Bklyn.  
 Clemens, R. F. *phar* 115 W. 68  
 Clemes, N. H. 1 *s* 110 Morningside Dr.  
 Cleveland, J. H. 2 *c* 302 Central Pk. West  
 Cleveland, M. † 1 *pa* Whittier  
 Clevenger, A. W. *gr ed* Furnald  
 Clinchy, R. J. *nm c* 526 W. 123  
 Clinton, L. W. † 4 *pa* 525 W. 120  
 Cloherty, J. P. *phar* 115 W. 68  
 Closs, M. F. † 4 *ed*  
 29 Claremont ave., Maplewood, N. J.  
 Closs, R. *gr ed*  
 29 Claremont ave., Maplewood, N. J.  
 Clough, A. N. *a* 62 W. 70  
 Clough, H. B. *gr* 569 W. 185  
 Clouting, J. † 2 *pa* Whittier  
 Clowes, H. C. † *gr ed*  
 84 Franklin, Hempstead  
 Clute, T. A. 3 *c* 100 Broadway  
 Clymer, R. N. *phar* 161 W. 64  
 Coad, O. S. *gr* 419 W. 118  
 Coates, W. C. 2 *c* 419 Argyle Rd., Bklyn.  
 Coatsworth, E. J. *gr* 405 W. 118  
 Cobanks, A. † 2 *b* 1479-50th, Bklyn.  
 Cobb, B. *a* 449 Park ave.  
 Cobb, M. C. † *gr* 408 W. 129  
 Coburn, E. † 2 *pa* 353 W. 85  
 Coburn, E. E. † *nm ed*  
 364 Summer ave., Newark  
 Coccola, A. T. *phar* Rye  
 Cochran, D. A. 3 *c* 431 W. 117  
 Cochran, E. † 1 *pa* Whittier

Cochran, G. G. Jr. 4 *c* 431 W. 117  
 Cochran, M. B. † *gr* 414 W. 119  
 Cockrill, E. T. *nm ed* Livingston  
 Cocks, E. *gr* Hartley  
 Cocks, L. E. † *gr ed* Dumont, N. J.  
 Coddington, E. M. † *nm gr* 24 W. 58  
 Coe, R. S. 3 *l* Livingston  
 Coffey, F. † 3 *pa*  
 112 Lexington ave., Bklyn.  
 Coffin, I. P. † *gr* 116 Garfield Pl., Bklyn.  
 Coffin, M. † 2 *pa*  
 9 Badeau Pl., New Rochelle  
 Coffin, R. † *nm ed* 90 Morningside Dr.  
 Cogan, L. G. † *gr* 81 Bridge, Paterson  
 Cogswell, C. A. *nm l* Livingston  
 Cohen, A. 3 *c* 754 Ninth ave.  
 Cohen, A. *gr ed* 164 Havemeyer, Bklyn.  
 Cohen, A. *gr ed* 411 W. 128  
 Cohen, A. B. 3 *c* 50 St. Mark's Pl.  
 Cohen, A. J. † 3 *pa* 226 W. 136  
 Cohen, C. P. † *gr* 602 W. 137  
 Cohen, E. † 1 *pa*  
 543 Pavonia ave., Jersey City  
 Cohen, E. † 1 *pa* Palisade  
 Cohen, F. *gr ed* 279 Hinsdale, Bklyn.  
 Cohen, G. † *nm ed*  
 361 Twelfth ave., Paterson  
 Cohen, G. 1 *j* 135 Vernon ave., Bklyn.  
 Cohen, H. *a* 118 Vernon ave., Bklyn.  
 Cohen, H. *gr* 30 Bay 25, Bklyn.  
 Cohen, H. *phar* 223 Madison  
 Cohen, I. L. *gr* 1848 Anthony ave.  
 Cohen, J. *phar* 297 Ave. B  
 Cohen, J. H. 1 *c* 9 Varet, Bklyn.  
 Cohen, J. L. *gr* 523 W. 122  
 Cohen, M. *gr* 289 Wyona, Bklyn.  
 Cohen, M. 1 *l* 616 W. 114  
 Cohen, M. 2 *m* 68 E. 118  
 Cohen, M. *phar* 1498 Brook ave.  
 Cohen, M. † 1 *pa*  
 234a Vernon ave., Bklyn.  
 Cohen, M. A. 1 *c* 132 W. 113  
 Cohen, M. R. † 3 *pa*  
 177 Old Bergen Rd., Jersey City  
 Cohen, N. B. 1 *c* 3 Catharine  
 Cohen, O. L. † 1 *pa* 211 W. 136  
 Cohen, R. † 4 *b* 1516 Charlotte  
 Cohen, S. C. 2 *l* 50 St. Marks Pl.  
 Cohen, S. L. 4 *c* 159 W. 80  
 Cohen, S. M. † 3 *b*  
 175 Saratoga ave., Yonkers  
 Cohn, A. E. † *nm pa*  
 315 Central Pk. West  
 Cohn, C. E. 4 *c* 80 Throop ave., Bklyn.  
 Cohn, D. N. *gr* 40 E. 83  
 Cohn, M. *gr* 25 W. 123  
 Cohn, M. † 4 *pa* 1312 Franklin ave.  
 Cohn, S. 1 *c*  
 1159 Eastern Parkway, Bklyn.

- Coit, G. † *gr ed* 234 E. 19  
 Coit, R. T. *a* 612 W. 116  
 Cokefair, A. J. 2 *c* 104 Radford, Yonkers  
 Colbert, E. † *nm ed* 15 E. 38  
 Colborn, L. C. † 1 *pa* 522 W. 123  
 Colburn, E. V. † *gr ed* 1107 Amsterdam ave.  
 Colby, E. *gr* 633 W. 115  
 Cold, B. † *gr* 414 W. 121  
 Cole, D. † 1 *pa* Whittier  
 Cole, J. W. 3 *pa* 112 Wilbur ave., Long Island City  
 Coleman, L. S. † 4 *ed* 419 W. 118  
 Coleman, W. A. *gr* 47 Ridge Rd., Rutherford  
 Coley, B. L. 1 *m* Vanderbilt ave. & 44  
 Collins, H. † 3 *b* Brooks  
 Collins, J. A. *nm c* Hartley  
 Collins, M. M. † 4 *pa* 415 W. 120  
 Collins, V. D. 1 *c*  
 Collins, W. F. 4 *pa* 616 W. 113  
 Collver, J. P. 3 *c* Hartley  
 Colman, A. † *gr ed* 228 W. 72  
 Colonna, B. A. 1 *l* 361 W. 121  
 Colony, R. J. *nm gr* Bronxville  
 Colsten, R. 3 *s* Broadway & 119  
 Colville, N. V. † *gr ed* 100 Morningside Dr.  
 Colwell, I. M. † 2 *pa* 1129 Fulton ave.  
 Comeys, E. † 3 *pa* Whittier  
 Comey, G. J. † *gr ed* 420 W. 116  
 Comin, R. *gr ed* 1024 Church, Richmond Hill  
 Commons, V. K. *phar* 2430 University ave.  
 Compton, M. G. † *gr* 3099 Broadway  
 Comstock, A. P. † *gr* 26 Jones  
 Conahey, L. 3 *pa* 264 Townsend, New Brunswick  
 Conan, N. J. 4 *m* Pompey, N.Y.  
 Conant, T. W. 3 *s* 538 W. 114  
 Concialdi, J. G., Jr. *phar* Rockaway, N.J.  
 Condon, J. F. 1 *c* 1403 Washington ave.  
 Cone, H. J. 2 *c* 740 Riverside Dr.  
 Conger, F. 3 *l* 502 W. 113  
 Conka, F. † *gr* 2424 Cornelia, Bklyn.  
 Conklin, M. T. † *nm gr* 147 E. 92  
 Conklin, W. D. *gr* Hartley  
 Conless, J. *nm ed* 301a-13th, Bklyn.  
 Conlin, A. B. 4 *c* Hartley  
 Conlon, M. A. † *nm gr* 9 Edgewood Pk., New Rochelle  
 Conner, E. † 2 *pa* Whittier  
 Connor, D. † 2 *b* 1 Winthrop ave., White Plains  
 Connors, R. P. *nm pa* 513 E. 26, Paterson  
 Connybeare, G. R. 2 *l* 288 E. 10  
 Conrad, W. L. 2 *c* Hartley  
 Conran, M. K. † 3 *pa* 163 Prospect Pk. West, Bklyn.  
 Conroy, J. F. *gr ed* 227 Henry  
 Conroy, T. F. 1 *c* 10 Greenwich  
 Conti, A. M. 1 *c* 36 Highland ave., Yonkers  
 Conway, A. E. † 2 *pa* Whittier  
 Conway, E. D. † 1 *b* Whittier  
 Conway, W. F. *gr ed* Edgewater  
 Cook, G. † 2 *pa* 601 W. 190  
 Cook, G. E. † *gr* 2187 Morris ave.  
 Cook, M. C. † 3 *b* 1029 E. 2, Bklyn.  
 Cook, R. † 4 *ed* 110 Morningside Dr.  
 Cook, R. C. 2 *c* Inwood  
 Cook, R. E. 2 *l* Fernald  
 Cook, S. H. 2 *c* 534 W. 114  
 Cook, S. P. 3 *j* Livingston  
 Cook, V. B. † *a* 180 Claremont ave.  
 Cooksey, C. I. † 1 *b* 135 S. Twelfth ave., Mt. Vernon  
 Cool, H. N. *phar* 161 W. 64  
 Cooley, J. L. 1 *j* 718 W. 178  
 Cooley, M. B. † *nm ed* Hempstead  
 Cooley, M. E. † *gr ed* 106 Morningside Dr.  
 Cooney, G. † *nm ed* 343 Amity, Flushing  
 Cooper, F. A. † 4 *pa* Whittier  
 Cooper, F. B. 2 *c* 133 W. 71  
 Cooper, G. V. 3 *c* 523 W. 113  
 Cooper, H. E. *gr ed* Fernald  
 Cooper, H. G. *sp s* 424 W. 119  
 Cooper, I. J. † 4 *ed* 80 Addison ave., Rutherford  
 Cooper, J. † *nm pa* Whittier  
 Cooper, L. B. 1 1283 South, Morristown  
 Cooper, L. F. † 4 *pa* 243-74th, Bklyn.  
 Cooper, L. F. † 3 *pa* 520 W. 121  
 Cooper, S. 1 *c* 935 E. 163  
 Coors, D. S. *gr* Madison, N. J.  
 Copeland, L. S. 4 *j* Fernald  
 Coppens, V. F. † *nm ed* 514 W. 122  
 Corbett, H. B. † 4 *pa* 501 W. 121  
 Corbett, W. H. 4 *c* 429 W. 117  
 Corcoran, M. 4 *pa* 407 Chestnut, Arlington  
 Corigliano, F. 1 *c* 77 N. Highland ave., Ossining  
 Cornell, D. E. † *nm ed* 600 W. 165  
 Cornell, E. L. † *gr* 6740 Ridge Boulevard, Bklyn.  
 Cornell, L. † *gr* 259 Tremont ave., Orange  
 Cornish, C. H. † *ed* 510 W. 123  
 Cornish, M. E. † 4 *pa* 50 W. 110  
 Cornwall, C. 4 *s* 540 W. 113  
 Correll, I. C. *nm c* Hartley  
 Corrigan, L. † *gr* 342 E. 176  
 Corrigan, T. † *gr* 342 E. 176  
 Corry, R. T. 4 *c* 3703 Willett ave.  
 Cortada, S. E. † 4 *ed* 605 W. 156



Corti, R. M. *phar*  
29 Old White Plains Rd., Mamaroneck  
Cortright, A. M. 1 *c* Hartley  
Corwin, V. M. † *gr ed* 609 W. 114  
Coryell, E. † 2 *b* 1414 Vyse ave.  
Cosgrove, T. F. 1 *c*  
312 Freemont, Peekskill  
Coster, J. S. 1 *m* 64 W. 94  
Cotten, F. R. *nm l* Livingston  
Cotton, R. S. *gr* 1233 Park ave., Hoboken  
Coudert, F. R., Jr. 2 *c* 124 W. 56  
Coulter, H. B. † 3 *b* Brooks  
Coulton, T. E. *gr ed* 205 W. 148  
Counce, H. A. 2 *c* 413-51st, Bklyn.  
Countermin, S. N. † *gr* Whittier  
Countiss, F. N. 3 *c* Hartley  
Courtney, B. F. † *gr* 160 E. 91  
Courtney, H. W. 2 *c* 73 Perry  
Couse, E. W. † 1 *pa* Whittier  
Couts, J. F. 2 *l* Livingston  
Covello, J. 1 *c* 314 E. 116  
Cowan, J. H. 2 *l* 62 E. 130  
Cowan, P. E. 1 *c* 62 E. 130  
Cowan, W. W. 4 *s* 62 E. 130  
Cowen, R. H. 2 *c* 565 W. 162  
Cowgill, B. R. *gr* Livingston  
Cox, A. † *gr ed* 423 W. 120  
Cox, D. H. † *a*  
Cox, W. C. 4 *m* 295-15th, Bklyn.  
Coyle, T. P. *phar* 115 W. 68  
Coyne, G. † 3 *pa*  
100 N. Broadway, Yonkers  
Craig, G. W. *nm ed* 546 W. 124  
Cramer, J. † 2 *pa* Whittier  
Cramer, M. E. † *gr ed* 160 Claremont ave.  
Cramer, M. N. † *sp b*  
70 Lenox ave., East Orange  
Crandall, L. † 1 *b*  
971 St. Johns Pl., Bklyn.  
Crandon, L. B. † *gr* 509 W. 121  
Crane, A. L. *gr* Hartley  
Crane, A. S. 1 *s* 225 W. 129  
Crane, E. E. † *gr*  
2015 Bedford ave., Bklyn.  
Crane, G. J. *gr* 1031 Jefferson av., Bklyn.  
Cranston, G. † *gr ed*  
87 S. Broadway, Yonkers  
Craven, J. D. 4 *c* 565 W. 113  
Crawford, A. R. 2 *c*  
Wykagyl Pk., New Rochelle  
Crawford, C. † *nm pa* Whittier  
Crawford, L. H. † 1 *b* 604 W. 112  
Crawford, S. H. † *nm gr* 623 W. 145  
Cree, A. A. 1 *c* Hartley  
Creegan, H. C. † *gr ed* 537 W. 121  
Crehan, J. P. 1 *c* 46 Downing, Bklyn.  
Crespo, J. D. *gr ed* Livingston  
Cresson, W. P. *gr* 309 Fifth ave.  
Cretcher, D. † 3 *pa* Whittier

Crim, A. † *gr*  
32 Nostrand ave., Far Rockaway  
Cripps, G. † 2 *b* Brooks  
Crissey, G. † *gr*  
112 Broad, Bloomfield, N. J.  
Criswell, W. T., Jr. 2 *c* 560 W. 157  
Critz, E. J. 2 *c* 10 W. 102  
Croce, J. 2 *c* 152 Eighth ave.  
Crocheron, M. G. † 1 *pa*  
318 Summit ave., Mt. Vernon  
Crocker, H. W. † *nm ed*  
636 Filmore Pl., West New York  
Crocker, N. J. † *gr* 414 W. 121  
Croll, V. † 1 *pa* Whittier  
Crombie, R. J. 1 *c* Livingston  
Cromwell, R. *gr ed* Hartley  
Cronan, G. D. 4 *pa*  
86 W. Grand, Elizabeth  
Cronin, T. † 1 *pa* Whittier  
Cronk, H. M. 2 *c* 257 W. 100  
Cronyn, G. W. 4 *c*  
33 Ellison ave., Bronxville  
Crook, J. B. 3 *c* 430 W. 116  
Crook, L. † 1 *pa* Whittier  
Crosby, H. L. *gr* 42 Jane, Englewood  
Croselmir, N. S. † 1 *pa* Whittier  
Cross, E. *gr* 227 Alexander ave.  
Cross, M. E. † *gr* 390 Wadsworth ave.  
Crouse, W. S. *gr ed* Madison, N. J.  
Crowell, A. E. † *nm ed* Whittier  
Crowell, W. R. *gr* 423 W. 120  
Crowley, D. J. *nm pa* 418 W. 118  
Croyle, H. I. *gr* 600 W. 122  
Crumley, S. A. † *nm pa* 419 W. 119  
Crusins, C. F. *gr* 600 W. 122  
Crystal, B. H. 2 *m* 21 Morrell, Bklyn.  
Cubberley, H. M. † 1 *pa*  
R. F. D. No. 2, Plainfield  
Cudlipp, J. M. 3 *c* 76 W. 105  
Culkin, M. L. † *nm ed* 417 W. 118  
Cullen, G. E. *gr* Rockefeller Institute  
Culloton, B. A. 1 *c* 998 Amsterdam ave.  
Culman, O. 3 *c* 476 W. 143  
Culver, F. † *nm pa* Whittier  
Cumbler, G. W. 1 *m* 434 W. 120  
Cumming, J. H. *phar* 678 Fulton, Bklyn.  
Cumming, R. E. 3 *m* 115 W. 64  
Cummings, A. J., Jr. 4 *ed*  
35 Booraem ave., Jersey City  
Cummings, B. R. 3 *s* 560 W. 180  
Cummins, C. E. † *nm pa*  
176 St. Nicholas ave.  
Cunnea, F. G. † *gr* 430 W. 119  
Cunniffe, E. W. † *gr* 340 E. 194  
Cunningham, F., Jr. 2 *l* 138 E. 40  
Cunningham, J. B. *nm s* 511 W. 122  
Cunningham, L. † *gr* Morningside Dr.  
Cunningham, S. A. † *nm gr* 341 W. 86  
Cunningham, W. D. 1 *l* 253 W. 99

- Curnen, A. † 3 b 519 W. 143  
 Curnow, D. † 3 b 342-4th, Bklyn.  
 Curnow, E. † 1 b 342-4th, Bklyn.  
 Curoe, P. R. V. *gr ed* 968 St. Nicholas av.  
 Currier, G. S. 4 c 313 W. 102  
 Curry, A. C. 2 c 245 W. 104  
 Curry, D. A. 2 c 201 W. 98  
 Curry, L. R. † 4 pa Englewood  
 Curry, R. A. 1 j 423 W. 118  
 Curry, T. M., Jr. 4 s 245 W. 104  
 Curry, W. A. 4 s 201 W. 98  
 Curtis, C. L. K. † 4 pa 501 W. 121  
 Curtis, F. M. † *gr ed* Whittier  
 Curtis, J. M. 4 pa 435 W. 117  
 Curtiss, L. K. † 3 b 116 Grove, Tarrytown  
 Cushing, W. † 3 pa 509 W. 121  
 Cutler, A. R. 2 m 331 W. 126  
 Cutler, H. B. † 1 pa 421 W. 118  
 Cutler, H. C. † 2 pa 421 W. 118  
 Cutler, K. † 2 b 1250 Stebbins ave.  
 Cuttrel, F. † 2 b 1522-54th, Bklyn.  
 Cyruli, P. *gr* 1675 Eastern Parkway, Bklyn.  
 Czajka, L. nm l 148 N. 4, Bklyn.  
 Dabney, K. B. † *gr ed* 401 W. 118  
 Dady, F. † nm *gr* 225 W. 14  
 Daisy, G. D. 4 c 358 W. 123  
 Dallas, M. † nm pa 260 Henry  
 Dalton, F. † *gr* 2728 Broadway  
 Dalton, I. E. G. † 3 b 2728 Broadway  
 Dalton, M. E. † 4 pa Whittier  
 Daly, G. A. 1 c 377 E. 144  
 Daly, R. J. 3 c 257 W. 116  
 D'Aiutolo, A. nm c Livingston  
 D'Amanda, C. 1 m Farnald  
 Dampman, E. L. † 4 pa 523 W. 123  
 Dana, E. T. nm *gr* Hartley  
 Danahy, J. W. 3 j Hartley  
 Danforth, G. † 3 pa 2402 Creston ave.  
 Danheiser, R. V. † *gr* 200 W. 110  
 Daniel, A. J. † *gr ed* 540 W. 122  
 Daniel, N. M. † *gr ed* 540 W. 122  
 Dann, C. M. † nm pa 520 W. 123  
 Dann, O. L. 2 l 541 Flushing ave., Bklyn.  
 Dannaker, U. R. † nm *ed*  
 Dannenburg, W. N. 2 l Livingston  
 Danziger, A. † *gr ed* 135 W. 79  
 Danziger, G. 1 c 225 W. 110  
 Darling, C. † 2 pa Hicksville, N.Y.  
 Darling, M. † 3 pa 106 Morningside Dr.  
 Darlington, E. C. B. 4 c 627 W. 115  
 Darlington, G. S. B. *gr* 175 Ninth ave.  
 Darmstatter, N. E. 1 c 146 Sherman, Passaic  
 Darrah, G. B. 2 l 435 W. 117  
 Darrow, I. C. † *gr* 503 W. 121  
 Darrow, M. † 2 b 35 Claremont ave.  
 Dart, F. B. 1 m 421 W. 57  
 Dash, T. 2 c 520 Bushwick ave., Bklyn.  
 Dattolo, C. *gr* 242 E. 16  
 Davenport, M. C. † 3 pa Whittier  
 Davenport, R. L. 3 l Farnald  
 David, E. J. *gr ed* 150 Vermilyea ave.  
 David, H. M. 3 l Livingston  
 Davidson, A. W. *gr* 601 W. 137  
 Davidson, B. E. † *gr ed* Whittier  
 Davidson, E. J. † 2 pa 320 E. 67  
 Davidson, F. † *phar* 855 Hunts Point ave.  
 Davidson, G. 1 j 918 Leggett ave.  
 Davidson, H. B. 3 c 616 W. 114  
 Davidson, H. M. 2 j Hartley  
 Davidson, J. C. 3 c 431 Classon ave., Bklyn.  
 Davidson, R. † *phar* 198-2nd  
 Davidson, R. J., Jr. 2 l 554 W. 114  
 Davies, G. † 4 pa Whittier  
 Davies, J. H. † 4 b 44 Mountain ave., Edgewater  
 Davies, M. H. † 1 b 501 W. 121  
 Davies P. A. *gr ed* 600 W. 122  
 Davies, S. P. *gr* Farnald  
 Davis, A. *gr ed* 204 W. 109  
 Davis, A. E. † *gr* 829 West End ave.  
 Davis, A. W. 3 c 304 W. 81  
 Davis, C. G. † *gr ed* 146 Morris ave., Long Branch, N. J.  
 Davis, E. M. † 3 b 23 Van Buren, Bklyn.  
 Davis, I. U. † 1 pa 221 W. 106  
 Davis, L. H. † 3 pa Whittier  
 Davis, M. F. † 4 b Whittier  
 Davis, M. M. † 4 *ed* 510 W. 124  
 Davis, P. nm c 633 W. 115  
 Davis, S., Jr. *phar* 222 William, Boone, N.J.  
 Davis, S. † 1 pa 204 W. 109  
 Davis, W. E. 3 c 100 Morningside ave.  
 Davison, E. S. † nm *ed* 363 Carlton ave., Bklyn.  
 Davisson, R. L. 3 l Vanderbilt ave., & 44  
 Dawbarn, E. G. † 2 b 105 W. 74  
 Dawson, A. I. *gr* 75 Lewis ave., Bklyn.  
 Dawson, G. M. 2 m Farnald  
 Day, D. † 1 b Brooks  
 Day, E. † nm *ed* Cedarhurst  
 Day, G. G. 1 c Hartley  
 Day, R. T. † 4 pa 519 W. 121  
 Dean, I. † 4 b 141 W. 105  
 Dearden, G. † 3 b 125 E. 91  
 Dearnley, I. E. † 3 pa Whittier  
 De Bellis, H. 2 c 152 Eighth ave.  
 Deborsky, M. 2 j 237 S. 2, Bklyn.  
 De Bra, A. H. *gr* 600 W. 122  
 Decker, B. † *gr* 417 William, East Orange  
 Decker, M. G. 2 c 522 W. 123  
 Decker, R. K. 2 c 370 W. 120  
 Deegan, J. F. 2 l 214 Hall ave., Perth Amboy  
 Defrem, H. *sp m* 82 Washington Pl.

De Fries, B. *phar* 6 St. Nicholas Terrace  
 De Garmo, M. F. † *gr* Whittier  
 Degener, I. † *nm b* 316 W. 89  
 De Giovanna, J. *phar*  
     28 Montrose ave., Bklyn.  
 De Graff, B. R. 3 *c* 141 W. 104  
 De Haven, B. L. † 4 *ed* Whittier  
 Dehls, F. 1 *c* 432 E. 14, Bklyn.  
 Deiches, H. *nm pa* 450 W. 149  
 de la Guardia, J. *nm c* 501 W. 124  
 De Lamater, S. L. † *gr ed* 63 W. 71  
 Delano, L. L. † 2 *pa* Whittier  
 Delano, S. E. † 2 *pa* Whittier  
 De Maria, A. G. † *gr* 342 E. 121  
 Dement, L. W. † 4 *pa* 525 W. 120  
 Deming, C. K. 3 *m* 440 Edgewood  
     ave., New Haven Conn.  
 De Mott, L. O. 1 *c* Furnald  
 De Muria, E. H. 3 *c* 224 Johnson, Bklyn.  
 Demuth, F. W. 3 *l* 154 W. 105  
 Denenholz, A. *gr* 473 Hancock, Bklyn.  
 De Nezzo, V. F. 1 *l* Hartley  
 Denison, A. C. 3 *c* 460 Riverside Dr.  
 Denlinger, H. K. *gr ed* 360 W. 28  
 Dennett, M. † *gr* 900 Summit ave.  
 Dennis, J. A., Jr. 2 *c* 540 W. 113  
 Denniston, M. † *gr ed* 430 W. 119  
 Denslow, R. R. *gr* 201 W. 130  
 Derbyshire, A. J., Jr. 4 *c* Furnald  
 De Renne, W. W. 4 *c* 46 E. 41  
 Derivan, C. † 2 *b*  
     38 Sunnyside Dr., Yonkers  
 De Rosa, E. *nm a* 150 Nassau  
 de Roza, J. G. *gr* 301-16th, Bklyn.  
 Derrick, R. O. *a* 50 Vanderbilt ave.  
 Desangles, J. A. *phar* 352 W. 57  
 De Santis, H. *phar* 1991 Washington ave.  
 de Schweinitz, M. † *gr* 419 W. 119  
 Despies, B. † 3 *pa* 101 W. 80  
 Despies, J. A. 1 *c* 101 W. 80  
 Despres, B. S. † 1 *b* 601 W. 113  
 Detels, M. P. *gr*  
 Deuel, V. † 1 *b* Brooks  
 Deutsch, B. † 3 *b* 310 W. 94  
 Deutsch, G. † 4 *pa* 317 W. 88  
 Dever, M. M. † *gr ed* 404 W. 115  
 Devereux, J. H., Jr. *sp s* 126 E. 24  
 Devereux, M. † 3 *pa* Whittier  
 de Villiers, W. M. *gr ed* 535 W. 112  
 Devitt, C. L. *gr* 33 Hilton, East Orange  
 Devlin, E. I. 2176 Highland av., Yonkers  
 de Wet, F. † *gr ed* Whittier  
 Dewey, H. E. *gr* Madison, N. J.  
 Dewey, L. A. † 1 *b* Brooks  
 Dewing, E. O. *gr* 234 Linden ave., Bklyn.  
 De Witt, K. † 1 *pa*  
     124 Grant ave., Jersey City  
 de Wolff, J. † *gr ed* 1187 Lexington ave.  
 Dexter, R. † *nm pa* Whittier

Deyo, L. D. *gr ed*  
     25 Clay ave., Roselle Park, N. J.  
 De Young, E. † *gr* 450 E. 139  
 De Zeller, M. C. † *gr ed* 472 W. 22  
 De Zeller, M. P. † *nm ed* 472 W. 22  
 d'Humy, E. 1 *pa*  
     166 Tenafly Rd., Englewood  
 Dibble, R. F. *gr* Hartley  
 Dick, H. K. *gr* Furnald  
 Dickie, D. P. 4 *s* 135 W. 79  
 Dickie, G. W. 1 *m* 536 W. 114  
 Dickinson, D. † 4 *ed* Whittier  
 Dickinson, F. G. † *gr* 109 W. 88  
 Dickinson, M. E. † *gr ed* 501 W. 120  
 Dickson, C. † 1 *b* 348 Whiton, Jersey City  
 Dickson, M. † *gr ed* 52 W. 129  
 Didecoet, J. J. *gr ed* Furnald  
 Diechmann, H. † 2 *b* 1261 Madison ave.  
 Diehl, E. C. † 3 *pa* Whittier  
 Diekmann, E. † 1 *b* 200 W. 123  
 Diekmann, W. H. 4 *s* 200 W. 123  
 Dienaide, F. R. *gr*  
 Dienst, C. F. *gr ed* Hartley  
 Diercks, G. † 3 *b*  
     815 Summit ave., Jersey City  
 Dietz, M. 2 *c* 500 West End ave.  
 Dietz, W. A. 1 *c*  
     114 N. Seventh ave., Mt. Vernon  
 Dikeman, L. E. † *nm ed* 1052 Trinity ave.  
 Dikeman, O. 3 *pa* 1052 Trinity ave.  
 Dillay, M. † 4 *b* Brooks  
 Dilliston, A. V. † *nm pa*  
     53 N. Main, Paterson  
 Dillon, M. † 1 *pa* Whittier  
 Dills, D. R. 3 *l* Livingston  
 Dills, M. † 3 *pa* 106 Morningside Dr.  
 Di Lorenzo, C. 2 *c* 2328 Hughes ave.  
 Di Lorenzo, L. A. *nm c* 226 E. 29  
 Dimmick, M. C. † *nm gr* Whittier  
 Dimon, H. D. 3 *l* Furnald  
 Dincin, H. B. *phar* 226 E. 14  
 Dinegar, R. H. F. 1 *m* 10 W. 83  
 Dinnerstein, M. 4 *c* 78 ave. B  
 Dinwiddie, M. D. † 3 *pa* 519 W. 121  
 Diodato, D. *phar* 85 East End ave.  
 Dirkes, D. † 2 *b* 176 S. 9, Bklyn.  
 Disbrow, E. † *gr ed* 541 Parker, Newark  
 Dispenza, R. L. *phar* 822 E. 215  
 Divine, M. M. † 4 *b*  
     302 Carlton ave., Bklyn.  
 Dix, A. S. † 4 *pa* Whittier  
 Dix, L. H. 3 *pa*  
     143 Crescent ave., Plainfield  
 Dixon, E. D. † 4 *ed* 540 W. 114  
 Dixon, G. G. *nm c* 56 St. Johns Pl., Bklyn.  
 Dixon, J. R. † 2 *b* Brooks  
 Dixon, L. A. † *nm ed* Whittier  
 Dixon, M. M. 3 *s* 56 St. Johns Pl., Bklyn.  
 Dixon, P. W. *a* 531 W. 113

- Dobrin, M. 4 *m* 152 Walnut, Montclair  
 Dobson, D. S. *a* 416 W. 118  
 Dochterman, E. † 1 *b* 916 Eighth ave.  
 Dodds, W. P. 3 *m* 195 Tremper ave., Kingston  
 Dodge, B. F. † 4 *pa* Whittier  
 Dodge, C. P. † *gr* 414 W. 118  
 Dodge, M. H. *gr* Livingston  
 Dodge, R. † 2 *pa* Whittier  
 Dodge, S. M. † *nm ed* Whittier  
 Dodge, S. P. 4 *j* Furnald  
 Dodson, A. D. † *nm ed* 519 W. 123  
 Dodson, P. † 1 *pa* 152 E. 22  
 Doggett, C. † *gr* 106 Morningside Dr.  
 Doherty, G. *nm pa* 617 Harrison ave., Harrison  
 Dohm, J. C. 2 *c* 454 Ft. Washington ave.  
 Dohrenwend, G. J. 2 *c* 147 W. 85  
 Dohrenwend, O. E. 2 *c* 147 W. 83  
 Dole, E. M. † *gr ed* 106 Morningside Dr.  
 Dolinsky, I. 1 *c* 82 Ames, Bklyn.  
 Donaghue, T. W. 1 *l*  
 Donahue, M. † 1 *b* 22 Garrison, Paterson  
 Donahue, M. E. † *nm ed* 41 Grand, White Plains  
 Donald, M. E. † *nm ed* 416 W. 118  
 Donaldson, J. H. 3 *c* 54 Hamilton Pl.  
 Donaldson, N. V. *nm c* Spencer Arms Apts.  
 Donkersloot, A. 3 *pa* 54 Fabian Pl., Newark  
 Donnell, R. R. 2 *c* 317 W. 107  
 Donnelly, A. G. 1 *l* Brielle, N.J.  
 Donnelly, K. † *nm pa* 23 Fiske Pl., Bklyn.  
 Donoho, J. B. 3 *c* 429 W. 117  
 Donohough, A. C. L. † *gr* 202 W. 74  
 Donohue, C. J. *nm ed* 1863 Morris ave.  
 Doody, M. F. † *gr* 107 W. 82  
 Doolittle, A. K. 2 *c* 606 W. 116  
 Dooman, D. S. 2 *m* 332 W. 56  
 Doremus, M. C. † *gr ed* 419 W. 123  
 Dougal, M. † 4 *ed* 417 W. 118  
 Dougherty, E. D. † 4 *pa* 415 W. 120  
 Dougherty, I. S. † *gr* 227 E. 62  
 Dougine, G. N. † *gr* 2261 Loring Pl.  
 Douglas, J. *gr* 275 E. Broadway  
 Douglas, R. S. 3 *l* Livingston  
 Douglass, K. S. † 3 *pa* Whittier  
 Dow, H. 1 *pa* 25 Grand, Maspeth  
 Dowd, A. K. 2 *l* 110 Morningside Dr.  
 Dowdall, G. C. 2 *c* 2225 University ave.  
 Dowling, E. † 1 *b* 151 W. 84  
 Dowling, L. 4 *s* 627 W. 115  
 Downes, D. A. 1 *c* 515 Clason Point Rd.  
 Downing, J. F. *a* Furnald  
 Dowsey, G. H. *phar* Great Neck  
 Doyle, E. R. 4 *j* 616 W. 116  
 Doyle, H. † 1 *b* Port Richmond  
 Doyle, L. † 1 *b* 7 Highland ave., Jamaica
- Drachman, J. M. *gr* 128 W. 121  
 Dragotta, B. *phar* 2339 Prospect ave.  
 Drake, H. D. † 1 *pa* Whittier  
 Drake, M. † 2 *b* 530 W. 122  
 Drake, M. E. † *nm ed* 420 W. 121  
 Dreeben, R. † 3 *pa* 104 E. 116  
 Dreizin, H. *phar* 17 E. 113  
 Dressner, R. H. *gr* 763 Tinton ave.  
 Dreux, P. S. 2 *c* 135 Hamilton Pl.  
 Drew, F. L. *gr ed* 509 W. 122  
 Drewitz, M. P. † *gr* 355 Riverdale ave., Yonkers  
 Dreyer, S. 3 *c* 155 Eighth ave.  
 Drinkwater, H. P. *nm l* Furnald  
 Driscoll, M. L. † *nm ed* 472 Broadway, Paterson  
 Drown, L. R. *gr ed* 140 Claremont ave.  
 Drucker, A. P. R. *gr* Furnald  
 Drury, C. W. *gr* 414 W. 119  
 Druss, J. G. 1 *c* 282 Jerome, Bklyn.  
 Du Bois, B. † 3 *pa* Whittier  
 Du Bois, E. † 3 *pa* Whittier  
 Dubois, F. A. *gr ed* 541 W. 123  
 Du Bois, H. J. † *nm b* 119 E. 57  
 Dubois, M. † *gr ed* Whittier  
 DuBois, N. A. † 3 *pa* Whittier  
 Du Bois, R. O. 1 *m* 119 E. 57  
 Dubs, H. H. *gr* 600 W. 122  
 Dudley, M. A. † 2 *pa* Lebanon Hospital  
 Dudley, M. L. † 4 *pa* Whittier  
 Duer, B. 2 *l* 127 E. 78  
 Duffy, E. F. † *nm ed* 19 W. 121  
 Duffy, W. E. 4 *j* 175 Claremont ave.  
 Dugan, M. † 1 *pa* Whittier  
 Duke, L. W. † *nm ed* 419 W. 118  
 Duncan, A. *phar* 66 E. 105  
 Duncan, J. D. 2 *l* 229 W. 97  
 Duncan, M. † *nm ed* 541 W. 123  
 Duncan, W. M. *gr ed* 596 Jefferson ave., Elizabeth  
 Duncher, A. † 2 *pa* Whittier  
 Dunham, F. G. 1 *l* 293 Fenimore, Bklyn.  
 Dunkin, R. F. † 4 *j* 309 W. 97  
 Dunlap, A. † *nm gr* 134 E. 19  
 Dunn, A. N. † 4 *pa* 324 Gregory ave., Passaic  
 Dunn, E. N. † 3 *pa* 51 Church, Nutley  
 Dunn, F. S., Jr. 1 *c* 616 W. 113  
 Dunn, G. A. † *nm ed* 500 W. 122  
 Dunn, H. A. † 4 *pa* 324 Gregory ave., Passaic  
 Dunn, H. A. 1 *l* Furnald  
 Dunn, O. L. † 3 *b* 233 George, New Brunswick  
 Dunn, T. I. *gr* 404 W. 116  
 Dunne, A. † *nm ed* 819 Hunts Point ave.  
 Dunphy, G. † 4 *b* 404 W. 149  
 Duram, M. † 1 *pa* 50 Leighton ave., Yonkers

- Durant, W. J. *gr* 625 Wales ave.  
 Durant, W. J. † *gr* 625 Wales ave.  
 D'Urgolo, J. E. *phar*  
 1024 Freedom ave., Ozone Pk.  
 Durfee, H. G. *gr*  
 31 Lockwood ave., New Rochelle  
 Durkin, W. J. 4 *c* 94 W. 162  
 Durst, A. 2 *c* 156 Main, Rahway  
 Duryea, M. S. † 4 *ed* 42 Northern ave.  
 Dushkin, A. M. *gr ed* 201 W. 118  
 Duskis, L. 2 *c* 1423 St. Marks av., Bklyn.  
 Dutcher, E. W. † *gr*  
 57 Westervelt Pl., Passaic Pk.  
 Dwight, A. S. † *gr ed* 500 W. 122  
 Dwight, J. O. 2 *l* Livingston  
 Dwyer, J. G. *gr* 40 E. 41  
 Dwyer, M. † 3 *b* 456 W. 153  
 Dwyer, M. K. 4 *pa*  
 343 Summit ave., Jersey City  
 Dwyer, W. W. *gr* 1225 Madison ave.  
 Dzung, K. *gr ed* Hartley  
 Eager, E. N. 2 *j* 417 W. 120  
 Eagle, M. 1 *m* 507 E. 171  
 Eames, A. G. 4 *c* Furnald  
 Earle, E. M. 3 *c* 410 W. 115  
 Earley, A. *gr ed* North Plainfield  
 Easley, O. R. *gr ed* Furnald  
 Eason, J. C. *gr* Madison, N.J.  
 Eastburn, M. † 3 *pa*  
 42 Delevan, New Brunswick  
 Easterling, A. 4 *pa* Whittier  
 Eastman, C. E. † 4 *pa*  
 23 Dale ave., Ossining  
 Eaton, J. J. *gr* 330 W. 95  
 Eaton, T. H. *gr ed* 430 W. 119  
 Eaves, D. A. *nm c* 434 W. 120  
 Ebeling, K. W. 3 *pa*  
 247 William, East Orange  
 Eberlein, B. † 1 *pa* Whittier  
 Ebersson, F. *gr* 437 W. 59  
 Eberstadt, F. 2 *l*  
 214 Glenwood ave., East Orange  
 Ebner, E. † *nm pa* 527 W. 121  
 Eckels, C. A. 3 *l* Furnald  
 Eckert, E. M. † 1 *pa*  
 300 Verona ave., Newark  
 Eckman, G. † *nm ed* 520 W. 122  
 Eckstein, H. J. *gr ed* 236 W. 75  
 Eckstein, O. M. † *nm ed* 1054 Union ave.  
 Eddingfield, I. D. † *gr*  
 Edens, A. † *nm pa* 420 W. 121  
 Edens, O. L. † *gr ed* 420 W. 121  
 Edinger, E. H. 2 *l*  
 544 Jackson ave., Jersey City  
 Edling, A. M. † 2 *pa* Ridgewood, N. J.  
 Edman, I. 3 *c* 416 W. 122  
 Edmondson, R. B. † 3 *b*  
 114 Morningside Dr.  
 Edwards, A. L. † *nm pa* Whittier  
 Edwards, E. M. † *gr* 421 W. 118  
 Edwards, J. B. 3 *s*  
 236 Linden ave., Bklyn.  
 Edwards, N. † 4 *b* Brooks  
 Edwards, S. C. † *gr ed* Metuchen  
 Effinger, R. C. *gr* 35 Claremont ave.  
 Effros, I. † *phar* 33 W. 112  
 Efron, A. 2 *c* 53 E. 97  
 Egan, H. M. † *gr ed* 916 Cauldwell ave.  
 Egerman, I. H. *phar*  
 11 Prospect, Yonkers  
 Ehlers, J. D. † *gr ed*  
 99 Railroad ave., Bklyn.  
 Ehrenberg, M. *phar* 154 Stanton  
 Ehrhart, A. † 2 *pa* 351 W. 29  
 Ehrlich, B. † 1 *b* 1701 Fulton ave.  
 Ehrlich, D. E. 4 *c* 529 Eighth av., Bklyn.  
 Ehrlich, J. *gr* 515 W. 124  
 Ehrlich, P. 1 *pa* 7 Bonner Pl.  
 Ehrman, S. L. 3 *l* Livingston  
 Eichner, B. B. *gr* 1392 Madison ave.  
 Eiermann, W. M. *gr* Manhattan College  
 Eisenman, W. 1 *c* 134 W. 116  
 Eisner, M. N. 3 *m* 1509 Washington ave.  
 Elder, H. *gr ed* 265 Henry  
 Elder, J. † *gr*  
 235 Lefferts ave., Richmond Hill  
 Eldridge, A. † 3 *pa* 503 W. 121  
 Eldridge, S. † *gr* Hartsdale  
 Eldridge, S. *gr* Hartsdale  
 Elliott, H. S. *gr ed* 2323 Loring Pl.  
 Eletz, A. † *gr* 3 E. 106  
 Eletz, B. † *gr* 3 E. 106  
 Ellenoff, S. *gr* 1787 Madison ave.  
 Ellinger, L. J. 3 *s* 11 E. 68  
 Ellingham, C. R. *phar*  
 Cornwall-on-Hudson  
 Elliott, A. 1 *l* Furnald  
 Elliott, E. † 3 *pa* Whittier  
 Elliott, E. D. † 4 *b* 417 W. 120  
 Elliott, H. S. *gr ed* 2323 Loring Pl.  
 Elliott, R. M. † 1 *pa* 415 W. 120  
 Elliott, T. H., Jr. 1 *l* Furnald  
 Ellis, R. † 3 *b* 1853 Madison ave.  
 Ellis, W. J. *gr* Grand ave., Englewood  
 Ellisson, E. J. † *gr* 60 Prospect Pl., Bklyn.  
 Ellsworth, F. E. *nm ed* 419 W. 119  
 Ellsworth, Z. P. † *gr ed* 419 W. 119  
 Elmer, P. R. 3 *c* 417 W. 118  
 Elsworth, R. M. 1 *c*  
 Irvington-on-Hudson  
 Elting, S. V. 2 *l* Furnald  
 Eltz, G. J. 3 *s* 619 W. 113  
 Elwyn, A. *gr* 23 E. 109  
 Elwyn, B. *gr* 23 E. 109  
 Ely, A. H., Jr. 2 *l* 47 W. 56  
 Ely, C. B. † *gr* 414 W. 121  
 Ely, E. W. 3 *c* 73 W. 88  
 Ely, M. † 2 *b* 420 W. 121

- Embury, D. A. 3 l 358 W. 123  
 Emerson, A. W. 3 pa 142 W. 64  
 Emerson, I. † 1 b 125 Riverside Dr.  
 Emerson, J. L. † nm ed 131 E. 66  
 Emery, D. † 2 pa Whittier  
 Emery, L. J. † gr 523 E. 77  
 Emmet, W. C. 2 l 39 E. 72  
 Emmons, M. † 3 ed 333 Park ave., Weehawken  
 Emmons, M. † gr 21 W. 73  
 Empie, C. D. 1 c 2020 Madison ave.  
 Endres, J. J. 3 pa 86 W. Grand, Elizabeth  
 Endress, M. C. † 3 pa Whittier  
 Engel, B. A. † 4 ed Westbury, N.Y.  
 Engel, E. R. gr 995 Eastern Pky., Bklyn.  
 Engel, S. 4 c 223 W. 120  
 Englander, L. gr ed 401 E. 88  
 Engleman, C. phar 667 Cauldwell ave.  
 Engler, M. L. † gr 2293 Sedgwick ave.  
 Engler, W. 1 c 83 Delancey  
 English, W. gr ed 52 Lincoln av., Newark  
 Enk, J. C. gr Butler, N.J.  
 Ennis, T. L. 2 l 440 Riverside Dr.  
 Ensing, F. C. gr ed 425 W. 114  
 Entelman, M. † 4 pa 333 Alexander ave.  
 Epstean, E. † 4 pa 611 W. 114  
 Epstein, E. † 2 b 1105 Forest ave.  
 Epstein, H. I. 1 c 60 St. Nicholas ave.  
 Epstein, L. gr 378 Kosciusko, Bklyn.  
 Erb, E. S. † gr ed 250 W. 93  
 Erdofy, M. E. 3 s 854 W. 180  
 Erickson, J. A. gr 600 W. 122  
 Erion, L. M. † nm pa 420 W. 119  
 Erikson, E. J. † 3 pa 1164 Vyse ave.  
 Erneman, J. A. nm c 159 W. 92  
 Ernst, F. C. † gr 220 W. 98  
 Ernst, G. G. 1 l 9 W. 90  
 Erpf-Lefkovics, A. G. 2 c 301 E. 10  
 Erskine, R. † gr 609 W. 115  
 Erwin, M. † gr 76 W. 105  
 Erwin, M. † 4 pa 525 W. 120  
 Erwin, R. † gr ed 2414 Creston ave.  
 Esberg, B. 1 l 1070 Madison ave.  
 Eskey, C. L. 3 c 627 W. 113  
 Esperson, G. phar 316 W. 97  
 Espinosa, E. † sp pa Junior League House  
 Esselstyn, H. H. gr ed 399 Lafayette ave., Bklyn.  
 Ettari, F. † gr 43 Mayflower ave., New Rochelle  
 Evans, D. H. 1 l Furnald  
 Evans, F. † gr ed 417 W. 120  
 Evans, J. F. 3 l 178 Vreeland ave., Paterson  
 Evans, K. † nm ed 232 Rector, Perth Amboy  
 Evans, M. † 3 pa Whittier  
 Evans, M. E. † 3 pa 616 W. 116  
 Evans, M. F. 3 j 924 President, Bklyn.  
 Evans, R. † 1 pa 746 Boulevard, Bayonne  
 Evans, R. D. † gr 512 W. 122  
 Evans, S. S., Jr. 3 s 377 Fifteenth ave., Paterson  
 Evarts, E. L. † gr ed 440 E. 57  
 Evenchick, A. 1 c 155 E. 2  
 Evens, L. W. 4 c 196 Vernon ave., Bklyn.  
 Everson, A. † 4 pa Whittier  
 Everson, D. R. 4 c 131 W. 71  
 Everson, R. K. 3 c 131 W. 71  
 Ewers, C. P. 3 c 535 W. 110  
 Ewing, A. † 4 pa 419 W. 119  
 Ewing, B. gr 175 Ninth ave.  
 Exstein, L. R. † 4 b 500 W. 122  
 Eyles, C. E. † gr 106 Morningside Dr.  
 Eyoub, D. gr Livingston  
 Failla, G. gr 549 W. 129  
 Fair, E. gr 510 W. 124  
 Fair, H. F. † gr 135 E. 52  
 Fairchild, H. N. 4 c 614 W. 113  
 Fairfield, J. 2 c 431 W. 117  
 Faithfull, C. M. gr ed 411 W. 114  
 Fajans, C. † 4 b 408 W. 130  
 Falk, E. A. 3 l 151 E. 60  
 Falk, S. G. 2 c Livingston  
 Falkland-Falken, E. † nm pa 20 W. 33, Bayonne  
 Fallows, C. S. gr 30 Church  
 Fallows, E. H. gr 30 Church  
 Fancher, P. A. gr Livingston  
 Fanelli, R. 2 c 98 Webster ave., New Rochelle  
 Farer, C. 2 c 960 Ave. St. John  
 Farjeou, V. † 1 b 24 Ellis Pl., Ossining  
 Farley, W. S. 1 l 46 S. Broadway, White Plains  
 Farmer, E. G. sp s 423 W. 120  
 Farmer, F. C. † nm ed 509 W. 122  
 Farnham, C. E. † 4 ed 519 W. 121  
 Farnum, W. B. 3 m 150 E. 150  
 Farquharson, J. Y. † 3 pa  
 Farr, F. L. 2 c 163 W. 2, Mt. Vernon  
 Farrell, G. E. † gr 443 W. 43  
 Farrell, H. J. phar 4 Harrison, Middletown, N. Y.  
 Farrell, H. W. † nm ed 11 W. 102  
 Farrell, M. D. † 3 b 443 W. 43  
 Farrell, M. M. † gr 443 W. 43  
 Fasolino, R. phar 16 Grace Church, Port Chester  
 Fassberger, C. A. phar 321 E. 141  
 Fash, F. E. gr ed 519 W. 124  
 Faust, C. C. † gr 1025 Lincoln Pl., Bklyn.  
 Fay, G. H. 1 c 633 W. 115  
 Fearn, H. O. 4 s 434 Riverside Dr.  
 Federman, S. phar 228 E. 83  
 Feeley, V. E. † gr 586 City Island ave., City Island

- Feeney, C. M. † *gr ed* Whittier  
 Feeney, E. M. *gr ed* 352 W. 120  
 Feigin, S. 1 *m*  
 Fein, J. *gr ed*  
     236 Christopher ave., Bklyn.  
 Feinberg, C. *gr ed* 310 E. 79  
 Feinberg, S. C. 3 *c* 730 Riverside Dr.  
 Feldman, H. *gr* 1505 Charlotte  
 Feldman, P. 2 *c* 438 E. 23  
 Feldman, R. H. 1 *c*  
     697 Broadway, Bklyn.  
 Feldstein, S. *phar* 870 Longwood ave.  
 Feleky, A. † *gr* 508 W. 114  
 Felino, G. W. *phar* 2212 Surf ave., Bklyn.  
 Felix, P. A. † 4 *j* 528 Riverside Dr.  
 Feller, H. 3 *c* 363 W. 116  
 Fellows, L. G. † *gr* Croton-on-Hudson  
 Fels, M. L. † *gr* 175 W. 95  
 Felsenheld, A. H. † *nm ed* 998 Fifth ave.  
 Felshin, M. 3 *c* 1341 Fifth ave.  
 Felshin, S. M. 1 *j* 1341 Fifth ave.  
 Felstiner, W. 1 *c* 542 W. 112  
 Felt, W. L. 3 *m* 31 W. 61  
 Feltus, L. M. *phar* 31 W. 61  
 Felty, R. † *nm pa* 106 Morningside Dr.  
 Fender, C. † 1 *pa* 3100 Broadway  
 Fenili, R. *gr* 52 Lincoln, Astoria  
 Fenn, I. H. *gr* 387 S. 5, Bklyn.  
 Fenn, P. T., Jr. *gr* 175 Ninth ave.  
 Fennessy, M. V. † *nm pa*  
     65 Livingston, Bklyn.  
 Ferebee, S. H. 1 *j* 370 W. 120  
 Ferguson, J. M. *gr* 66 Orange, Bklyn.  
 Ferguson, L. H. 3 *m* 346 W. 57  
 Ferguson, M. † 1 *b* Brooks  
 Fern, S. S. 3 *m* 10-1st, Elizabeth  
 Fernandez, M. 2 *c* 611 W. 158  
 Fernstrom, T. M. *gr ed*  
     665 Carroll, Bklyn.  
 Ferrin, L. E. † *gr ed* 70 Morningside Dr.  
 Ferris, D. B. *a* 429 W. 117  
 Ferris, F. H. *gr* 600 W. 122  
 Ferris, L. *nm c* 633 W. 115  
 Ferro, R. † *phar* 303 E. 74  
 Ferry, I. † 3 *pa* Whittier  
 Ferry, R. W. 4 *m* 960 Park ave.  
 Fessenden, R. K. 2 *l* 435 W. 117  
 Fezandie, E. H. 2 *c* 165 E. 66  
 Fiebig, A. F. † *gr* 313 E. 57  
 Field, M. C. 4 *m* 111 Montague, Bklyn.  
 Field, W. H. 3 *m* 224 Henry, Bklyn.  
 Fier, N. *phar* 718 E. 6  
 Fierstein, J. 2 *c* 107 Van Buren, Bklyn.  
 Filer, H. L. 2 *l* Livingston  
 Files, R. E. *gr ed*  
     120 Rutledge ave., East Orange  
 Filipetti, G. † *nm ed* Furnald  
 Fillmore, H. M. † 3 *pa* 239 W. 134  
 Filsinger, A. H. *phar* 271 W. 119  
 Finck, E. M. *gr* 88 Stewart av., Arlington  
 Fine, M. 2 *c* 111 E. Broadway  
 Fine, N. M. *gr* 553 Howard, Bklyn.  
 Fingold, M. † 2 *b* 1270 Madison ave.  
 Fineman, F. P. † 1 *b*  
     130 Claremont ave.  
 Finkeldey, W. H. 4 *s* Livingston  
 Finkelstein, H. *a* 431 Jerome, Bklyn.  
 Finkelstein, I. R. † *gr ed*  
     1235-49th, Bklyn.  
 Finkelstein, L. *gr* 39 Thatford av., Bklyn.  
 Finkelstein, M. *phar* 115 Ludlow  
 Finkle, M. P. † 3 *pa* 200 W. 85  
 Finkle, O. G. 2 *m* 200 W. 85  
 Finkle, P. 4 *c* 936 Sutter ave., Bklyn.  
 Finklestein, W. 2 *m* 26 E. 109  
 Finlay, S. J. *nm c*  
     335 Rich ave., Mt. Vernon  
 Finlayson, A. J. † *nm ed* 619 W. 136  
 Finley, E. E. † *gr ed*  
     7 Gramercy Pk., West  
 Finley, E. E. † 1 *pa* 324 W. 83  
 Fiscella, A. V. *phar* 229 Mott  
 Fischel, B. † 2 *b* 118 E. 93  
 Fischel, R. † 2 *b* 118 E. 93  
 Fischer, B. M. 1 *c* 229 W. 97  
 Fischer, D. P. 2 *c* Hartley  
 Fischer, E. † 4 *b* 229 W. 97  
 Fischer, G. W. *gr*  
     130 Pearsall ave., Freeport  
 Fischer, H. S. 4 *c* 155 Hopkins, Bklyn.  
 Fischer, K. F. J. 1 *c* Hartley  
 Fischer, M. † 1 *pa* 50 Cooper Sq.  
 Fischer, S. † *gr* 29 W. 93  
 Fish, H. † 3 *pa* Whittier  
 Fishback, E. H. *gr ed*  
     265 Stanley Pl., Hackensack  
 Fishberg, A. M. 1 *c* 57 E. 93  
 Fisher, A. J., Jr. *a* 255 W. 90  
 Fisher, D. 3 *s* 672 St. Nicholas ave.  
 Fisher, F. C. 2 *l* 616 W. 113  
 Fisher, H. J., Jr. 3 *c* 515 W. 182  
 Fisher, H. L. 3 *l* Hartley  
 Fisher, K. † 3 *b* 1978 Crotona ave.  
 Fisher, K. A. † 4 *pa* 512 W. 123  
 Fisher, R. † *gr* 521 W. 111  
 Fisher, R. C., 2nd 1 *c* 445 W. 153  
 Fisher, W. E. 4 *c* 237 E. 104  
 Fishman, M. 2 *c* 704 Georgia ave., Bklyn.  
 Fisk, D. M. *gr* Livingston  
 Fiske, P. B. 3 *m* 305 W. 45  
 Fitch, N. † 1 *pa* Upper Montclair  
 Fitzburgh, A. *nm pa*  
     165 Mercer, Jersey City  
 FitzGerald, G. P. 1 *c* 176 W. 87  
 Fitzpatrick, F. S. *gr* Furnald  
 Fitzsimons, I. V. † *gr*  
     44 Palisade ave., Weehawken  
 Fjelde, V. M. † *nm pa* 2328 Andrews ave.

- Flagg, E. † 1 *pa*  
     318 Henry, Hasbrouck Heights  
 Flanders, A. E. † *gr ed* 414 W. 121  
 Flanders, R. 3 *m* 318 W. 56  
 Fleck, H. D. 4 *c* 304 W. 139  
 Fleck, J. D. *nm ed*  
     City Farm Colony, S. I.  
 Fleischer, W. *phar* 800 E. 168  
 Fleischmann, I. *nm c* 210 Madison  
 Fleming, N. A. † *nm pa* Whittier  
 Fleri, E. C. *phar* 264 Union, Bklyn.  
 Fletcher, D. A. *a* 523 W. 121  
 Fletcher, H. D. 1 *m* 447 Halsey, Bklyn.  
 Flick, J. D. *nm ed*  
     City Farm Colony, S. I.  
 Fliedner, P. M. † *gr ed*  
     106 Morningside Dr.  
 Fligelman, F. † *gr* 460 W. 147  
 Flikke, J. † *nm pa* Whittier  
 Flora, V. B. † 3 *pa* 540 W. 122  
 Florer, A. † *nm ed* Whittier  
 Flournoy, F. R. *gr* Livingston  
 Flower, W. C. 3 *c*  
     313 Gregory ave., Passaic  
 Flowers, H. L. 4 *c* 701 W. 179  
 Flynn, H. S. J. *nm gr* 271 Broadway  
 Flynn, K. 4 *s* 558 W. 113  
 Flynn, M. K. † *gr ed*  
     19 Hardenbrook ave., Jamaica  
 Flynn, S. B. 2 *l* 440 Riverside Dr.  
 Foerster, W. F. L. 1 *l* 926 Madison ave.  
 Fogg, W. G. 1 *s* 1388 Teller ave.  
 Foley, A. L. 2 *l* 1105 Amsterdam ave.  
 Foley, E. L. 3 *m* 34 W. 61  
 Foley, H. † 1 *b* 338 E. 52  
 Foley, M. 1 *c*  
     47 Hawthorne ave., Yonkers  
 Folk, I. C. *gr* Hartley  
 Folsom, P. N. *nm ed* 520 W. 122  
 Fonts, J. † 2 *b* 244 Broadway, Yonkers  
 Foos, I. D. † 2 *pa* 435 W. 117  
 Forbes, E. S. † 3 *pa* 500 W. 122  
 Forbes, G. 2 *l* 8 W. 56  
 Forbes, J. R. 3 *l* 522 W. 123  
 Ford, A. † *gr ed* 542 W. 124  
 Ford, E. E. † *nm pa* 501 W. 121  
 Ford, J. T. † *nm b* 875 Park ave.  
 Ford, S. † *nm pa* 609 W. 127  
 Forssell, A. E. † *gr ed* 1276 Castleton  
     ave., West New Brighton  
 Forsyth, W. S. 2 *l* Livingston  
 Forte, C. † 3 *pa* Whittier  
 Fortuine, S. T. 4 *m* 400 W. 57  
 Foss, E. M. † *nm ed*  
     222 Union, Hackensack  
 Foster, F. M. *gr*  
     112 Morse ave., Rutherford  
 Foster, H. C. 4 *c* 500 W. 122  
 Foster, I. † 3 *j* 523 W. 121
- Foster, K. † 1 *pa* Whittier  
 Foster, L. 3 *j* 1336 Wilkins ave.  
 Fowle, T. W. *gr ed* 522 W. 123  
 Fowler, J. 3 *s* 36 Vernon ave., Bklyn.  
 Fowler, J. C. 3 *c* 565 W. 113  
 Fowler, R. L., Jr. *a* 28 E. 75  
 Fowler, T. L. 2 *c* 231 W. 122  
 Fox, A. C. † 3 *j* 33 Rowan Pl., Woodside  
 Fox, D. F. *gr* 600 W. 122  
 Fox, D. R. 3 *c* Hartley  
 Fox, E. B., Jr. 4 *c* 2567 Sedgwick ave.  
 Fox, H. E. † 1 *b* 581 W. 161  
 Fox, P. P. † *gr ed* 418 W. 118  
 Franceschi, D. *phar* 356 W. 145  
 Francis, L. R. 2 *l* 172 W. 141  
 Franck, E. A. † *nm pa*  
     116 Garfield Pl., Bklyn.  
 Frank, C. M. † *nm ed* 789 Ridge, Newark  
 Frank, E. † *nm pa*  
     116 Garfield Pl., Bklyn.  
 Frank, G. 4 *pa*  
     100 Thirteenth ave., Newark  
 Frank, M. † 3 *pa* 318 W. 22  
 Frank, R. A. *phar*  
     408 Main, Town of Union, N. J.  
 Frankel, A. *a*  
     147 S. Fourth ave., Mt. Vernon  
 Frankel, B. *phar* 526 W. 139  
 Frankel, L. K., Jr. 1 *c* 255 W. 108  
 Frankfurter, E. † 4 *pa* 1045 Clay ave.  
 Frankham, C. R. *gr* 54 Morningside Dr.  
 Franklin, A. † 2 *b* 32 Kenmore Pl., Bklyn.  
 Franklin, A. D. † 4 *b* 404 W. 116  
 Franklin, K. M. † 4 *pa*  
     38 Sanford ave., Flushing  
 Franklin, L. G. † *nm ed* 415 W. 120  
 Franklin, M. I. *phar* 389 E. 198  
 Franklin, M. T. † *gr* 404 W. 116  
 Franklin, R. D. 4 *c* 431 W. 117  
 Franklin, R. G. 1 *c* 404 W. 116  
 Franklin, V. † 3 *pa* 420 W. 121  
 Franks, N. B. † *gr ed* Whittier  
 Frant, S. 1 *c* 1216 Hoe ave.  
 Frary, M. H. † *gr* 507 W. 121  
 Fraser, D. † 4 *b* 3 Willow Pl., Yonkers  
 Frazee, T. † 2 *b* 434 W. 124  
 Frazier, W. F. *gr* Chester, N. J.  
 Freas, K. E. † 4 *pa* Whittier  
 Freas, R. B. 1 *c* Leonia  
 Fredericks, J. T. 2 *c* Fernald  
 Frederickson, F. *phar*  
     Cornwall-on-Hudson  
 Frederickson, H. † 1 *b* 601 W. 160  
 Freedman, I. *gr* 403 W. 115  
 Freedman, J. L. 1 *c* 340 Pulaski, Bklyn.  
 Freeland, D. T. † *nm ed*  
     61 Midland ave., Garfield, N. J.  
 Freeland, E. † 4 *pa* 503 W. 121  
 Freeman, E. B. † 4 *pa* 211 W. 57



Freeman, E. G. D. <i>gr</i>	600 W. 122	Fullerton, G. M. † <i>gr</i>	417 W. 121
Freeman, L. N. <i>gr ed</i>	225 W. 126	Fullerton, H. S. <i>gr</i>	Furnald
Freeman, M. N. † <i>gr</i>	225 W. 126	Fullgraff, M. A. † 3 <i>pa</i>	106 Northern ave.
Freeman, R. H. 3 <i>l</i>	Livingston	Fulton, A. F. † 1 <i>pa</i>	218 Park ave., Yonkers
Freifeld, G. F. <i>gr ed</i>	218 Bradhurst ave.	Funcke, W. A. 2 <i>c</i>	171 W. 99
Freimuth, E. † 1 <i>pa</i>	Whittier	Funke, C. A. D. 4 <i>s</i>	160 W. 142
French, A. T. <i>gr ed</i>	830 W. 179	Funkenstein, C. I., 2 <i>l</i>	921 Simpson
French, C. T. H. <i>gr</i>	195 W. 134	Funkhouser, H. P. <i>gr</i>	600 W. 122
Frenzel, A. † 3 <i>b</i>	239 W. 105	Furia, J. J. 4 <i>c</i>	820 McLean ave., Yonkers
Frerichs, F. W., Jr. <i>gr</i>	Furnald	Furman, M. A. 1 <i>m</i>	83 Second ave.
Fretwell, E. <i>gr ed</i>	129 Pierrepont, Bklyn.	Furokus, T. <i>sp s</i>	566 W. 162
Freudenheim, L. D. 2 <i>c</i>	616 W. 114	Fuschs, F. <i>phar</i>	656 W. 178
Freund, A. <i>gr ed</i>	941 Intervale ave.	Fusco, J. J. <i>phar</i>	140 W. 28
Freund, E. M. † <i>gr</i>	1325 Bustow	Gabriel, J. C. 4 <i>s</i>	Gardner, N.Y.
Freund, F. <i>gr ed</i>	941 Intervale ave.	Gabriel, J. H. <i>gr</i>	600 W. 122
Freund, I. 1 <i>c</i>	85 Stanton	Gaffney, M. <i>gr ed</i>	180 Claremont ave.
Frey, A. H. 1 <i>c</i>	205 Grand ave., Astoria	Gaffney, W. <i>nm pa</i>	62 Buena Vista ave., Yonkers
Frey, W. G., Jr. 4 <i>c</i>	205 Grand ave., Astoria	Gaggin, E. B. M. † <i>phar</i>	Lindenhurst
Fridenberg, R., Jr. 1 <i>m</i>	596 Riverside Dr.	Gainsborg, E. C. 3 <i>s</i>	981 Woodycrest av.
Fried, D. <i>gr ed</i>	290 First Ave., Astoria	Galano, L. <i>phar</i>	115 W. 68
Fried, H. B. <i>gr ed</i>	329 E. 79	Galbraith, L. † 4 <i>pa</i>	Whittier
Fried, S. 1 <i>c</i>	820 Broadway, Bklyn.	Gallagher, M. K. † <i>gr</i>	228 W. 138
Friedberg, M. D. 3 <i>s</i>	6 Columbia	Gallico, P. W. 1 <i>c</i>	63 E. 59
Friedenberg, D. 2 <i>c</i>	523 W. 113	Gallup, T. 1 <i>c</i>	Hartley
Frieder, E. † <i>gr ed</i>	302 Central Pk. West	Galotta, H. L. <i>phar</i>	1042 Southern Boulevard
Friedland, J. <i>phar</i>	574 Lenox ave.	Galpin, C. † 3 <i>pa</i>	Whittier
Friedlander, A. W. <i>phar</i>	71 Second ave.	Gamba, M. <i>a</i>	608 W. 113
Friedlander, F. P. † 4 <i>pa</i>	208 W. 119	Gambler, M. E. † <i>gr ed</i>	Whittier
Friedman, A. 3 <i>s</i>	334 E. 15	Gambrill, B. L. † <i>gr ed</i>	548 Riverside Dr.
Friedman, A. S. <i>phar</i>	232 E. 5	Gampert, L. 4 <i>s</i>	2 E. 127
Friedman, E. L. † <i>gr</i>	Whittier	Ganssle, L. † 3 <i>pa</i>	10 Callister, Queens
Friedman, I. <i>phar</i>	290 Second ave.	Ganz, E. † 2 <i>pa</i>	37 Lincoln, Jersey City
Friedman, S. <i>nm pa</i>	663 Tinton ave.	Garcia, F. <i>nm l</i>	225 W. 86
Friedman, S. R. † <i>gr</i>	495 Hudson	Garcia, J. M. 3 <i>c</i>	249 W. 107
Friedrich, C. H. S. <i>gr ed</i>	335 E. 52	Gardiner, J. F. 2 <i>l</i>	Livingston
Friedrich, L. † <i>gr</i>	369 E. 148	Gardner, J. J. 3 <i>s</i>	408 W. 115
Fries, M. † 4 <i>b</i>	9 W. 82	Gardner-Strickland, H. A. 3 <i>c</i>	Port Washington
Friess, H. L. 1 <i>c</i>	972 Woodycrest ave.	Garfunkel, L. 2 <i>j</i>	2 E. 120
Frink, M. M. <i>nm j</i>	Hartley	Garin, W. † 1 <i>pa</i>	Whittier
Frisch, E. <i>gr</i>	Hartley	Garlock, E. A. † <i>gr ed</i>	329 Park ave., Leonia
Frischia, A. <i>phar</i>	8124 Seventeenth Ave., Bklyn.	Garlock, J. H. 1 <i>m</i>	346 W. 56
Frischia, A. B. <i>phar</i>	496 W. Broadway	Garnier, H. K. <i>gr</i>	Hartley
Fritz, H. M. † 2 <i>pa</i>	901 Ogden ave.	Garnjost, W. T. <i>a</i>	618 W. 113
Fritz, J. C. <i>phar</i>	110 Henry	Garretson, A. K. † <i>nm ed</i>	523 W. 121
Fröelich, C. L. † <i>gr</i>	436 Throop ave., Bklyn.	Garrett, P. W. <i>gr</i>	Livingston
Fromholz, A. S. 1 <i>c</i>	252 Madison, Bklyn.	Garrison, N. L. <i>gr ed</i>	500 W. 122
Frontera, M. M. † 1 <i>pa</i>	50 Grand, Maspeth	Garrison, O. † 1 <i>pa</i>	84 Highland ave., Yonkers
Frosch, H. L. 2 <i>c</i>	165 Orchard	Garrison, P. † 4 <i>pa</i>	540 W. 122
Frost, H. † <i>nm pa</i>	519 W. 123	Garth, T. R. <i>gr</i>	Flushing
Fry, A. J. † <i>nm ed</i>	106 Morningside Dr.	Garwood, L. E. <i>gr</i>	33 Church, Nutley
Fryer, L. <i>phar</i>	413 W. 41	Gash, F. E. <i>gr ed</i>	519 W. 124
Fuller, B. C. <i>gr</i>	380 Lewis ave., Bklyn.	Gates, M. N. 3 <i>l</i>	161 Ave. A
Fuller, D. M. 3 <i>m</i>	252 Lexington ave.	Gatewood, E. S. † 1 <i>b</i>	Brooks
Fuller, E. W. <i>gr</i>	2 Tennis Court, Bklyn.		
Fuller, F. R. 1 <i>pa</i>	445 Elton, Bklyn.		

- Gatje, F. C. 3 s 368 Park Pl., Bklyn.  
 Gaul, M. E. † 4 ed Whittier  
 Gavin H. † gr 309 W. 101  
 Gaynor, C. A. F. 3 c 429 W. 117  
 Gaynor, N. J. 1 l 614a-3rd, Bklyn.  
 Gebhart, H. B. † gr 85 Hicks, Bklyn.  
 Gebraetz, M. † 3 pa  
     25 Waverly ave., Newark  
 Geer, C. † 3 b 60 W. 84  
 Geer, G. † 1 b 60 W. 84  
 Geffen, M. M. 4 j 1034 Hoe ave.  
 Geib, A. P. 3 c 526 W. 123  
 Geisler, C. D. gr 422 W. 115  
 Geisler, J. E. 1 c Hartley  
 Geiss, A. M. C. † gr ed  
     2072 Homecrest ave., Bklyn.  
 Geist, V. C. phar  
     465 Onderdonk ave., Bklyn.  
 Gebin, O. † gr 1352 St. Nicholas ave.  
 Gelbach, M. † gr  
     1 Prospect Terrace, Yonkers  
 Gelbtuch, H. B. gr 515 W. 124  
 Gentry, A. H. a 500 W. 122  
 Genung, R. B. phar 271 W. 71  
 George, P. S. phar 46 Garden Pl., Bklyn.  
 Geraci, L. A. 3 m 350 W. 58  
 Gerber, F. † 3 pa Whittier  
 Gerbereux, W. D. 2 c  
     75 Sunnyside Dr., Yonkers  
 Gerdy, I. 3 c  
 Gere, E. L. gr ed 525 W. 120  
 Gerloff, M. † 2 b 63 E. 127  
 German, B. phar 79 E. 7  
 Gerow, C. D. gr ed 525 W. 120  
 Gerow, E. † 3 pa 265 Lexington ave.  
 Gersch, E. 3 s 757 Kelly  
 Gerson, B. F. 3 l 616 W. 114  
 Gerson, S. J. phar 865 Fox  
 Gertner, M. 1 c 238 W. 106  
 Gertz, L. 2 c 47 Puntine, Jamaica  
 Gertz, M. 4 s 47 Puntine, Jamaica  
 Getelson, A. H. nm l 625 W. 127  
 Getts, C. H. 3 l Furnald  
 Getz, E. † nm ed 90 Downing, Bklyn.  
 Gewirtz, M. gr ed 3 W. 8  
 Gianella, A. † 4 b 410-7th, Bklyn.  
 Gibb, A. S. † 2 b 42 W. 75  
 Gibbons, M. E. † 3 pa  
     56 Linden ave., Ossining  
 Gibbs, B. F. gr ed River Edge, N. J.  
 Gibson, A. K. † 4 pa Whittier  
 Gibson, F. E. † gr ed 514 W. 122  
 Gibson, H. W. 3 s 2131 Broadway  
 Gibson, J. B. 2 c Hartley  
 Gibson, M. † 3 pa  
     113 Franklin ave., Mt. Vernon  
 Gichman, M. phar 749 Jennings  
 Giddings, M. † 2 b 303 W. 104  
 Giebel, M. † nm ed 181 Claremont ave.
- Gifford, D. † 1 pa  
     112 N. Broadway, Tarrytown  
 Gifford, L. † 1 pa 420 W. 121  
 Giglio, A. S. 1 c Hartley  
 Gilbert, E. † 3 b  
     95 Greenwood ave., East Orange  
 Gilbert, P. B. gr 627 W. 115  
 Gilbert, R. † gr 1086 Amsterdam ave.  
 Gilchrist, F. † 1 pa 390 Wadsworth ave.  
 Gildersleeve, R. M. 1 l Hartley  
 Gildner, L. M. † gr 537 W. 121  
 Gile, H. H. 1 m  
 Gilkinson, J. F. 1 l 430 W. 119  
 Gill, B. † 4 pa 503 W. 121  
 Gill, G. A. 2 c 197 Rodney, Bklyn.  
 Gillard, D. † 2 pa  
     Tenafly Rd., Englewood  
 Gillelen, W., Jr. 3 l 510 W. 113  
 Gillespie, H. B. 4 c 23 W. 12  
 Gillespie, J. P. gr 490 Riverside Dr.  
 Gillespie, M. T. † nm ed  
     39 Early, Morristown  
 Gillette, C. † gr ed  
     147 State, Hackensack  
 Gillette, G. W. T. 2 c 21 Claremont ave.  
 Gilliland, A. W. nm l 547 W. 123  
 Gillis, A. 2 c 68 E. 116  
 Gillman, E. J. C. † gr  
     1617 Eastern Parkway, Bklyn.  
 Gillman, J. M. gr  
     1617 Eastern Parkway, Bklyn.  
 Gillmore, L. † 4 ed 520 W. 122  
 Gilman, A. † nm pa Woodhaven  
 Gilman, A. A. gr ed 96 Elm, Montclair  
 Gilman, E. A. † 2 pa Whittier  
 Gilman, E. G. † 2 pa Whittier  
 Gilman, S. † phar 206 Clinton  
 Gilmore, E. M. † gr ed 174 E. 71  
 Gilmore, S. L. 4 c 80 W. 105  
 Gil-Ruiz, E. gr 55 Wall  
 Ginsberg, I. gr ed 167 S. 9, Bklyn.  
 Ginsberg, J. phar 333 E. 16  
 Ginsburg, I. 1 c 1735 Victor  
 Ginsburg, S. 1 m 284 Harrison, Passaic  
 Ginzburg, B. 1 j 39 Brooklyn av., Bklyn.  
 Ginzburg, D. 3 c 1269-47th, Bklyn.  
 Ginzburg, S. 2 c 39 Brooklyn ave., Bklyn.  
 Ginzburg, S. nm ed 223 W. 115  
 Ginzburgh, L. nm c 1380 Prospect ave.  
 Gippe, H. M. † gr ed 414 W. 120  
 Girard, M. H. † gr 154 E. 91  
 Girdner, F. W. C. 4 c 47 W. 71  
 Gitlow, D. L. phar 839 Kelly  
 Gittelson, W. gr 38 W. 113  
 Gittens, O. F. phar 38 W. 136  
 Gittinger, B. † 4 pa Whittier  
 Givens, W. E. gr 600 W. 122  
 Gjerdahl, F. gr ed  
     440 St. Johns Pl., Bklyn.

Glass, E. 2 c 1133 Vyse ave.  
 Glass, M. † *gr ed* 400 W. 118  
 Glassberg, B. *gr* 417-15th, Bklyn.  
 Gleeson, J. M. 4 s 184 W. 101  
 Glenn, G. E. 2 c 1615 Newkirk ave., Bklyn.  
 Glennie, A. C. 3 c 62 Mapes av., Newark  
 Gliboff, H. 1 m 645 Amsterdam ave.  
 Glover, F. B. † 1 *pa* 467 W. 159  
 Glover, G. H., Jr. *nm c* Short Hills, N. J.  
 Gluck, E. 3 c 539 Second ave.  
 Glucksman, M. † *phar*  
 829 Newark ave., Jersey City  
 Godard, G. P. † *gr* 430 W. 119  
 Goddard, F. A. † 3 *pa* Whittier  
 Goddard, M. † 2 *pa* Leonia  
 Godfrey, L. E. † *nm ed* Huntington  
 Godfrey, V. M. † 4 *pa* 525 W. 120  
 Goe, D. M. 1 s 61 Nagle ave.  
 Goebell, A. † 1 b Brooks  
 Goenaga, C. † 3 *pa* 246 W. 129  
 Goerlich, A. C. 4 c 1051 Tinton ave.  
 Goerlich, E. A. 1 c 1051 Tinton ave.  
 Goertner, F. B. 1 l 316 W. 97  
 Goetz, H. *gr* 227 E. 86  
 Goetzinger, K. B. † *gr ed* 401 W. 118  
 Goff, M. † *sp b* Brooks  
 Gold, E. *gr* 42 W. 120  
 Gold, G. 3 c 430 W. 118  
 Gold, M. † 3 *pa*  
 623½ Willoughby ave., Bklyn.  
 Goldberg, A. K. *gr ed* 415 E. 239  
 Goldberg, A. N. 1 c 415 Central Pk. West  
 Goldberg, B. 3 c 16 E. 103  
 Goldberg, C. P. 1 c 108 Eighth ave.  
 Goldberg, E. I. *phar* 636 Columbus ave.  
 Goldberg, J. A. *gr* 620 E. 6  
 Goldberg, J. S. 3 l 31 W. 94  
 Goldberg, N. E. † *gr* 611 W. 152  
 Goldberg, S. P. 2 m 292 E. Broadway  
 Goldblatt, D. 1 m 231 E. 77  
 Goldblatt, L. † *gr* 322 E. 3  
 Goldblatt, R. M. † *gr ed* 31 W. 110  
 Golden, A. *phar* 217 Henry  
 Golden, M. F. † 1 *pa* Whittier  
 Goldey, N. 1 c 71 St. Marks Pl.  
 Goldfarb, B. 4 m 1559-44th, Bklyn.  
 Goldfarb, I. *gr ed* 389 Clinton, Bklyn.  
 Goldfarb, I. *nm pa* 23 W. 114  
 Goldfarb, S. *phar* 1789 Fulton ave.  
 Goldfinger, H. 3 s 42 W. 116  
 Goldin, M. R. *gr* 208 W. 111  
 Goldman, L. A. *gr ed* 228-7th  
 Goldman, S. † *gr* 527 W. 121  
 Goldmann, J. † *gr* 76 E. 90  
 Goldschlag, P. E. 1 c 496 Hendrix, Bklyn.  
 Goldsmith, B. † *gr*  
 68 Cambridge Pl., Bklyn.

Goldsmith, C. S. 3 *pa*  
 134 Chambers, Newburgh  
 Goldsmith, D. † 1 b 302 Central Park West  
 Goldsmith, T. *gr*  
 68 Cambridge Pl., Bklyn.  
 Goldstein, H. *phar* 326 E. 159  
 Goldstein, H. F. † 2 b 99 Claremont ave.  
 Goldstein, H. S. *gr* 1186 Madison ave.  
 Goldstein, I. *gr* 261 W. 112  
 Goldstein, I. E. 2 c 313 E. 102  
 Goldstein, J. 2 m 312 Madison  
 Goldstein, M. 1 c 450 Bedford av., Bklyn.  
 Goldstein, M. 1 c 1370 St. Marks ave., Bklyn.  
 Goldstein, M. M. 3 c 496 Sackman, Bklyn.  
 Goldstein, S. *phar* 540 W. 112  
 Goldwater, E. *gr ed* 701 W. 177  
 Goldworm, M. L. 1 *pa*  
 41 Leonard, Bklyn.  
 Golembe, H. 3 c 102 E. 112  
 Goll, B. C. † *gr ed* 25 Pulaski, Bklyn.  
 Golliek, W. A. 3 c 127 Chestnut ave., Jersey City  
 Gollubier, E. S. *gr ed* 870 E. 170  
 Gompf, A. P. 4 *pa* Livingston  
 Gonahey, L. 3 *pa* New Brunswick  
 Gonzales, M. † 1 *pa* 130 W. 70  
 Gonzalez, R. *nm c* 221 W. 106  
 Goodale, E. † *gr* 362 Franklin, Bloomfield  
 Goodbar, E. M. 2 l Livingston  
 Goodchild, F. M. 2 m 2612 Broadway  
 Goode, J. C. 1 c 136 W. 99  
 Gooden, O. T. *gr* Furnald  
 Goodenough, E. D. † *gr*  
 600 Lexington ave.  
 Goodfriend, M. 1 m 827 Kelly  
 Goodglick, S. 4 m 322 W. 115  
 Goodhart, M. W. † *gr*  
 88 Central Park West  
 Goodhew, L. E. † 3 *pa* 501 W. 121  
 Goodhue, C. P. 3 c 157 E. 34  
 Goodlander, M. R. † 4 *ed* 519 W. 121  
 Goodman, A. H. 2 c 147 W. 142  
 Goodman, A. L. 1 c 1139 Vyse ave.  
 Goodman, D. 3 c 147 W. 142  
 Goodman, E. A. † *gr ed* 51 E. 120  
 Goodman, H. 3 m 141 W. 10  
 Goodman, H. I. *gr*  
 711 Eastern Parkway, Bklyn.  
 Goodman, N. *gr* 320 Cherry  
 Goodman, S. † 1 *pa* 25 Claremont ave.  
 Goodrich, B. B. † *nm ed* 419 W. 119  
 Goodrich, K. † 2 *pa*  
 10 Maurice ave., Ossining  
 Goodson, M. † *gr ed* 514 W. 122  
 Goodspeed, H. C. † 3 *pa* Whittier  
 Goodstein, P. 2 l 1815 Seventh ave.

- Goodwin, E. L. † *nm ed*  
1917 Andrews ave.
- Goodwin, W. C. 2 *l* 360 W. 21
- Gorden, M. † *gr*  
364 Clermont ave., Bklyn.
- Gordon, D. 2 *c* 1720 Madison ave.
- Gordon, H. 1 *c* 57 W. 111
- Gordon, H. Z. *gr* 247 W. 130
- Gordon, K. J. 4 *c* 1 Bellevue, Weehawken
- Gordon, L. 1 *c* 85 Hart, Bklyn.
- Gordon, L. E. † *gr*  
447 Rugby Rd., Bklyn.
- Gordon, M. M. † *nm ed* 4428 Park ave.
- Gordon, P. *gr* 158 Bergen, Newark
- Gordy, M. L. † 3 *pa* 540 W. 122
- Gorlin, S. *phar* 1316 Clay ave.
- Gorlin, S. *phar*  
105 Orient ave., Jersey City
- Gorman, B. A. *phar* 133 Penn ave.
- Gorman, W. F. 3 *c*  
113 Passaic ave., Nutley
- Gorn, D. *phar* 1437 Boston Rd.
- Gorsch, R. V. 2 *m* 3332 Decatur ave.
- Gorzo, J. 1 *s* Furnald
- Gosling, A. † 1 *pa* 501 W. 120
- Gosling, F. † 1 *pa* Whittier
- Gosnell, F. L. *gr* 600 W. 122
- Gostenhdfer, D. † *sp b*  
172 Davis ave., West New Brighton
- Gotshall, H. † 3 *pa* Whittier
- Gott, P. P. *gr* Livingston
- Gottgetren, H., Jr. 2 *l* 2 W. 89
- Gottlieb, I. *nm ed*  
5203 Thirteenth ave., Bklyn.
- Gottlieb, J. † 3 *b* 210 W. 79
- Gottlieb, L. *gr* 63 W. 115
- Gottlieb, M. L. *gr* 116 W. 114
- Gottlieb, S. E. † *gr* 549 W. 113
- Goubeaud, H. J., Jr. 1 *m*  
518 Carlton ave., Bklyn.
- Goucher, E. † *nm pa* 504 W. 122
- Gould, G. J., Jr. 3 *c* 857 Fifth ave.
- Gould, R. L. *gr* 720 ave. C, Bayonne
- Goulko, M. *phar* 507 W. 142
- Gourvitch, A. C. *gr* 581 Beck
- Gowen, J. W. *gr* Livingston
- Gower, J. 2 *l* 312 W. 113
- Grace, W. W. *a* Furnald
- Grady, E. *nm pa*  
204 Fulton ave., Hudson Heights
- Grady, J. T. 3 *l* 100 Morningside Dr.
- Graff, E. B. *nm pa* Fort Lee
- Graff, P. W. *gr* N. Y. Botanical Garden
- Grafte, D. † 2 *b* 508 W. 135
- Grafton, H. K. 3 *l* 205 W. 107
- Graham, E. † 1 *b* 501 W. 110
- Graham, F. P. *gr* Livingston
- Graham, M. † *nm pa* 176 Palisade ave.,  
Jersey City
- Graham, R. L. 1 *c* 100 Morningside ave.
- Graham, R. N. 4 *ed* 528 W. 123
- Granatelli, A. *phar* 467 E. 159
- Grandin, F. † *nm ed* 319 W. 95
- Granger, F. S. *gr* Livingston
- Granger, W. R. R., Jr. 3 *m* 336 W. 59
- Grant, C. *gr*
- Grant, D. E. 1 *l* 527 W. 142
- Grant, F. † 2 *b* 527 W. 142
- Grant, M. L. † *gr* 61 E. 77
- Graves, E. V. 1 *c*  
137 Shepherd ave., Bklyn.
- Graves, F. 4 *ed* 527 W. 123
- Graves, F. C. † *gr ed* Whittier
- Graves, M. C. † *nm pa* 219 W. 81
- Gray, C. E. † *nm pa*  
City Hospital, Blackwells Island
- Gray, D. R. 1 *l* 575 Riverside Dr.
- Gray, E. † 2 *b* 417 W. 120
- Gray, J. 3 *c* 523 W. 157
- Gray, J. N. *gr ed*  
5918 Bay Parkway, Bklyn.
- Gray, R. R. † 2 *b* 246-14th, Bklyn.
- Gray, T. J. 1 *l* 453 W. 48
- Grayzel, D. M. 1 *c*  
1796 St. Johns Pl., Bklyn.
- Graziani, A. *phar* 20 King
- Green, E. A. † *nm ed* Shrewsbury, N.J.
- Green, H. P. *a* 510 W. 123
- Green, L. † *gr ed* 519 W. 123
- Green, L. M. † *nm ed* 510 W. 123
- Green, N. H. 1 *c* 15 Lexington ave.
- Greenbaum, I. † 2 *b* 2 E. 94
- Greenbaum, M. R. † *nm ed*  
978 Woodycrest ave.
- Greenberg, A. B. *gr ed* 876 W. 180
- Greenberg, J. R. *a* 2040 Seventh ave.
- Greenberg, M. 3 *m* 1416 Bryant ave.
- Greenberg, S. L. 2 *c* 45 Bradford, Bklyn.
- Greenburg, I. † *gr* 33 W. 94
- Greenburg, I. C. *gr* 557 W. 124
- Greene, A. G. *nm c* 215 E. 21
- Greene, A. L. 1 *c* 610 W. 113
- Greene, C. L. † *nm b* 544 W. 114
- Greene, H. U. 3 *s*  
33 Beech Rd., Ridgewood, N.J.
- Greene, M. † 4 *pa* Whittier
- Greene, T. A. *gr* 600 W. 122
- Greenfeld, L. *phar* 175 Orchard
- Greenfield, S. *gr ed* 1037 Bryant ave.
- Greenhalgh, L. R. † 4 *pa*  
41 Purser Pl., Yonkers
- Greenhouse, A. C. 3 *m*  
325 Van Siclen ave., Bklyn.
- Greenman, A. M. † *nm ed*  
25 Liberty Rd., Englewood
- Greenough, G. B. 2 *c* Hartley
- Greenspan, S. † *gr* 172 Varet, Bklyn.
- Greenwald, A. 3 *pa* Richmond Hill

Greenwald, L. 4 s 317 E. 57  
 Greenwald, R. R. 4 pa 797 Sterling Pl., Bklyn.  
 Greenwood, S. B. *phar* 150 Shepard ave., Newark  
 Greer, L. † *gr* 9 Gramercy Park  
 Gregor, D. G. 1 m 348 W. 58  
 Greig, M. † *nm pa* 523 W. 121  
 Greinisen, W. *gr ed* 265 Henry  
 Grennie, F. L. *phar* 22 Eighth, New Dorp  
 Grent, S. *phar* 32 W. 113  
 Gresser, S. M. *gr* 828 Dawson  
 Gribble, J. F. *phar* 29 Schermerhorn, Bklyn.  
 Grie, W. A. *gr* 175 Ninth ave.  
 Grieve, J. *nm c* 88 Market, Perth Amboy  
 Griffin, E. B. 3 l 16 E. 119  
 Griffin, J. G. 3 l Furnald  
 Griffiths, M. R. M. † 2 b 412 Audubon ave.  
 Griggs, M. A. † *gr* Brooks  
 Grimes, F. W. † 4 pa  
 Grimes, L. R. † *nm ed* 70 Morningside Dr.  
 Grimes, R. C. † 4 pa 60 Boyd ave., Jersey City  
 Grimm, E. B. † 2 b 557 W. 148  
 Grimshaw, C. † 2 b Roosevelt Hospital  
 Griscom, A. *gr* 20 Fifth ave.  
 Griswold, G., Jr. 1 c Hartley  
 Grodin, T. M. 1 c 263 Floyd, Bklyn.  
 Grollman, M. 4 m 150 Henry  
 Groman, S. 4 s 1349-53rd, Bklyn.  
 Gropper, M. H. 3 c 430 W. 118  
 Gross, A. † 3 pa Whittier  
 Gross, A. G. † 1 b 150 Manhattan ave.  
 Gross, A. N. 3 pa 408 Van Buren, Bklyn.  
 Gross, B. *nm gr* 185 Sands, Bklyn.  
 Gross, B. H. † *gr* 457 Convent ave.  
 Gross, E. † 2 b Arlington  
 Gross, E. K. † *gr ed* 404 W. 115  
 Gross, J. H. *gr ed* Westfield, N.J.  
 Gross, P. *gr* 457 Convent ave.  
 Gross, S. † 1 b 254 Bedford ave., Mt. Vernon  
 Grossberg, H. M. *gr* 76 Orchard  
 Grossman, E. † 4 b 1347 Lexington ave.  
 Grossman, H. 4 s 1218 Third ave.  
 Grossman, J. *phar* 1801 Victor  
 Grossman, M. *gr* 234 E. 14  
 Grossman, P. † 1 b 1347 Lexington ave.  
 Grossman, S. S. *gr* 58 Morningside ave.  
 Grosvenor, R. 2 m 601 Madison ave.  
 Grote, L. K. † *gr* 362 E. 156  
 Groten, F., Jr. 4 s 540 W. 113  
 Grout, F. F. *nm gr* New Haven  
 Grunberg, I. A. † 4 f 200 W. 111  
 Grussner, A. N. 2 c 826 Broadway, Bklyn.  
 Gubner, P. A. † 4 b Brooks

Guck, O. M. *phar* 1472 President  
 Gucker, C. F. *gr ed* Livingston  
 Guerin, J. K. 2 c 31 Vandam  
 Guggenheim, B. † 1 b 1928 Third ave.  
 Guggenheim, R. M. 4 c 23 E. 88  
 Guiler, H. P. 1 c 59 Jewel, Forest Hills  
 Guilford, E. † 4 pa 106 Morningside Dr.  
 Guilshan, J. H. 2 c 354 W. 120  
 Guiney, D. F. *nm ed* Nutley, N.J.  
 Guinther, L. † *nm pa* Whittier  
 Guinzburg, L. K. † 1 b 115 W. 86  
 Guiterman, H. R. 1 c 58 Central Pk. West  
 Guldner, R. 2 m 50 Morningside ave.  
 Gulick, L. H. *gr* Livingston  
 Gunby, O. † *gr ed* Whittier  
 Gunther, C. F. *gr ed*  
 Gunther, E. † 1 b 198 De Kalb ave., Bklyn.  
 Gunther, E. L. 1 c 29 E. 4, Mt. Vernon  
 Gunz, H. M. † 3 b 17 Summit Cross, Rutherford  
 Gunzendorfer, L. † 3 b 316 W. 97  
 Gurley, R. B. *gr ed* 40 Park ave., East Orange  
 Gurnee, D. D. *nm ed* Hempstead  
 Gussow, N. *gr ed* 961 Ave. St. John  
 Guterman, H. 4 s 53 W. 113  
 Guthmann, J. D. 2 l  
 Guthrie, C. S. † 3 b 232 E. 11  
 Gutmann, J. 2 c 2 W. 89  
 Gutowski, A. T. *phar* 420 E. 153  
 Guttenberg, B. † *gr* 1465 Fulton ave.  
 Gysbers, G. † *nm ed* 986 Broadway, Woodcliff, N. J.  
 Haaren, A. H. 3 l 147 W. 122  
 Haas, L. 2 c 191 Stockton, Bklyn.  
 Haberman, T. B. *gr* 39 Charles  
 Hadad, I. A. 3 c 120 W. 89  
 Hadley, E. † *gr* 421 W. 121  
 Hadley, T. H. † *nm gr* 416 W. 118  
 Haefelin, F. J. † *gr ed* 417 W. 120  
 Haessler, C. L. † *gr* 100 Morningside Dr.  
 Haessler, L. † *gr* 100 Morningside Dr.  
 Hafey, E. A. † *gr* 106 Morningside Dr.  
 Haffele, E. † *nm ed*  
 Hagadon, M. J. † 2 pa Whittier  
 Hageman, D. 3 s 1239 Herkimer, Bklyn.  
 Hagemeyer, F. H. *gr ed* 815 Ritter Pl.  
 Hahn, E. A. † *gr* 552 E. 87  
 Hahn, E. V. *gr* Hartley  
 Hahn, I. † 3 b 36 W. 91  
 Hahn, P. M. 2 l 238 Abington Rd., Kew Gardens  
 Haigh, E. M. † *gr* 508 W. 122  
 Haight, J. P. 3 s 540 W. 113  
 Haight, V. W. 3 c Montrose, N.Y.  
 Haines, R. B. 1 c 330 W. 102  
 Hajek, C. W. 2 c 51 Worthington, Winfield

- Halbert, H. L. 2 *m* 346 W. 57  
Halbower, A. G. † *nm pa* 501 W. 121  
Haldenstein, A. A. 3 *s* 321 W. 92  
Hale, D. † *nm gr* 12 E. 85  
Hale, E. † 1 *pa* 795 Crotona Park North  
Halfpenny, E. † *gr* 104 Union ave., Lynbrook  
Hall, A. A. † 3 *b* 517 W. 171  
Hall, D. † 1 *b* 60 W. 76  
Hall, D. † 4 *b* 90 Morningside Dr.  
Hall, E. † 2 *pa* 702 West End ave.  
Hall, E. B. † 4 *b* 204 W. 114  
Hall, F. C. 4 *c* 245 W. 48  
Hall, G. B. *a* 473 W. 140  
Hall, H. W. 3 *l* Furnald  
Hall, L. M. † *gr* 1422-52nd, Bklyn.  
Hall, L. M. † 1 *pa* Whittier  
Hall, M. † 3 *pa* Whittier  
Hall, M. L. 1 *c* 565 W. 113  
Hall, R. M. *gr ed* 511 W. 130  
Hallett, M. † 3 *b* Brooks  
Hallock, A. C. † *gr* 36 E. 65  
Hallock, E. S. 2 *c* 215 S. Fifth ave., Mt. Vernon  
Halloran, W. F. *gr ed* 38 Elm, Elizabeth  
Halpern, S. 3 *c* 78 Chadwick av., Newark  
Halpin, J. H. 1 *c* 501 W. 121  
Halsey, F. B. *gr* 175 Ninth ave.  
Halsey, G. E. † *gr* 58 E. 177  
Halter, C. R. 4 *c* 243 E. 123  
Hamdi, A. F. 4 *s* 1113 Amsterdam ave.  
Hamilton, A., Jr. 3 *l* 28 E. 11  
Hamilton, B. G. † *nm pa* 10 Sherman ave.  
Hamilton, C. E. 4 *c* 430-50th, Bklyn.  
Hamilton, E. P. 1 *c* 235 Ft. Washington ave.  
Hamilton, H. H. 1 *m* 10 Sherman ave.  
Hamilton, J. † 4 *pa* 419 W. 119  
Hamilton, M. † 3 *pa* 205 W. 57  
Hamilton, M. † *gr ed*  
Hamilton, O. T. 3 *c* 615 W. 162  
Hammarstrom, C. A. 3 *c* 226 Flatbush ave., Bklyn.  
Hammer, A. 1 *c* 1488 Washington ave.  
Hammerstein, O. 4 *c* 265 Central Pk. West  
Hammond, A. A. *phar* 14 Meeker, West Orange  
Hanahan, M. L. 3 *s* Hartley  
Hanaway, R. C. 4 *c* 220 Audubon ave.  
Hanchett, A. C. 4 *s* 429 W. 117  
Hancock, F. B. *gr ed* 527 W. 121  
Hancock, M. I. † 4 *pa*  
Hand, C. S. † *sp b* 457 Clinton ave., Bklyn.  
Hand, F. F. † *gr* 142 E. 65  
Handin, L. 3 *c* 4216 Fifteenth ave., Bklyn.  
Handleman, L. † *phar* 1711 Fulton ave.
- Hanellin, S. *phar* 204 E. Broadway  
Hanemann, H. W. 3 *c* 301 W. 84  
Hanes, N. B. *a* Hotel Martinique  
Hanford, L. A. † *nm pa* 106 Morningside Dr.  
Hanft, I. M. 1 *c* 5 Attorney  
Hankin, H. *gr* 1987 Washington ave.  
Hanlon, J. T. 4 *s* 601 W. 115  
Hann, D. † 2 *pa* Whittier  
Hannah, F. † *gr* 350 Washington ave., Bklyn.  
Hans, E. D. *phar* 527 W. 124  
Hansen, N. E. *gr* 600 W. 122  
Hanson, L. V. D. 3 *pa* 414 W. 118  
Hara, Z. *nm c* 354 Fourth ave.  
Harbeson, J. W. *gr* 503 W. 122  
Harcourt, H. N. 1 *l* Livingston  
Hardenbergh, W. 2 *j* 172 Sherman ave.  
Harding, H. E. † *gr* 305 Eighth ave., Bklyn.  
Harding, R. E. † 3 *pa* 1298 Dean, Bklyn.  
Hardy, R. G. † *gr* 47 Pierrepont, Bklyn.  
Hardy, S. O. B. † *gr* 419 W. 118  
Haring, E. L. † 4 *b* 446 Cherry, Elizabeth  
Harmelin, T. † *gr* 46 Sheriff  
Harmer, B. † 3 *pa* 404 W. 116  
Harnar, F. E. *gr* 600 W. 122  
Harniss, L. S. † *nm pa* 519 W. 121  
Harper, M. H. *gr ed* Livingston  
Harper, P. S. 4 *s* 538 W. 114  
Harriman, I. † 1 *pa* 51 River, Rahway, N. J.  
Harrington, B. C. *gr ed* 600 W. 122  
Harrington, E. † *gr ed* 434 W. 120  
Harrington, H. † *gr* 423 W. 120  
Harrington, L. M. † 4 *ed* 503 W. 121  
Harrington, M. S. † *nm pa* Norwalk, Conn.  
Harris, C. † 2 *b* 51 Church, White Plains  
Harris, C. P. *gr* 243 W. 98  
Harris, C. W. *nm c* 1648 E. 10, Bklyn.  
Harris, I. 1 *c* 920 Eastern Pky., Bklyn.  
Harris, I. H. † *nm pa* 501 W. 120  
Harris, R. G. † 3 *pa* 45 E. 59  
Harris, S. *phar* 100 McEntree, Kingston  
Harris, T. A. E. 2 *l* 120 E. 72  
Harrison, C. J. 2 *c* 128 Convent ave.  
Harrison, E. 2 *m* 160 W. 122  
Harrison, E. E. 2 *c* 2 E. 97  
Harrison, E. E. † 1 *pa* 420 W. 118  
Harrison, I. M. † *gr* 277 W. 11  
Harrison, J. R. 3 *c* 633 W. 115  
Harrison, M. † 2 *b* 205 W. 107  
Harrison, P. † 4 *pa* 423 W. 120  
Harrower, K. † 2 *b* 855 West End ave.  
Harrowich, F. G. † *gr* 69 Manhattan ave., Bklyn.  
Hart, H. A. 2 *c* 75 Maple ave., Morristown

Hart, L. † 2 *b* 415 W. 120  
 Hart, L. B. † 4 *pa* 419 W. 119  
 Hart, L. M. 2 *j* 59 W. 119  
 Hartbe, H. J. † *gr ed* 537 W. 121  
 Hartley, E. C. *a* 1464 St. Nicholas ave.  
 Hartley, H. S. † 3 *pa* 510 W. 124  
 Hartman, G. † 3 *b* Tuckahoe  
 Hartnett, E. E. *nm ed*  
 67 Woodbine, Bklyn.  
 Hartnett, M. H. † *nm pa* 505 W. 121  
 Hartsock, H. B. 1 *l* 414 W. 120  
 Hartvigsen, H. J. 4 *m* 33 W. 126  
 Hartwig, C. E. 2 *c* 250 W. 104  
 Hartwell, F. W. *gr*  
 17 Schermerhorn, Bklyn.  
 Hartwig, A. L. † *nm ed*  
 70 Morningside Dr.  
 Harty, G. † *nm pa* 419 W. 118  
 Hartz, W. A. 3 *l* Farnald  
 Harvey, R. L. 1 *m*  
 166 Clinton ave., New Rochelle  
 Harvitt, A. 4 *s* 192 Hooper, Bklyn.  
 Haskell, F. D. † *gr* 419 W. 118  
 Haskins, B. K. † 2 *pa* Whittier  
 Haskins, B. T. 4 *c* 429 W. 117  
 Haskins, M. M. † *gr ed* 527 W. 121  
 Hassan, A. A., Jr 3 *c*  
 275 Marlborough Rd., Bklyn.  
 Hasselman, A. † *nm pa* 501 W. 121  
 Hassinger, E. † 3 *pa* 435 W. 146  
 Hassinger, P. E. 3 *c* 435 W. 146  
 Hastings, E. W. 1 *c* 7 E. 87  
 Hastings, F. A. 4 *c* 370 W. 120  
 Hatch, G. M. † *gr* 521 W. 111  
 Hatch, R. A. *gr* 175 Ninth ave.  
 Hatch, S. C. *phar* 171 W. 71  
 Hatch, V. 3 *l* Livingston  
 Hattorff, P. † 3 *b*  
 30 Van Corlear Pl., Marble Hill  
 Hauben, L. 4 *m* 38 W. 117  
 Hauck, J. 1 *c* 1816 Cornelia, Evergreen  
 Haupin, J. P. *gr ed* 17 Jersey, Bloomfield  
 Hausle, E. C. † 3 *b* 1034 Union ave.  
 Hauer, C. *gr ed* Livingston  
 Hawkins, M. † 3 *pa* Whittier  
 Hawkins, M. V. *phar*  
 200 A Putnam ave., Bklyn.  
 Hawkins, R. C. 1 *c*  
 735 Briggs ave., Richmond Hill  
 Hawkinson, N. X. *nm pa*  
 Hawley, C. O. *gr* 600 W. 122  
 Hawley, E. C. *gr ed* 523 W. 123  
 Hawley, J. *gr ed* 526 W. 123  
 Hawley, R. F. † *gr* Valhalla, N. Y.  
 Hayden, M. F. † 3 *b* 593 Riverside Dr.  
 Hayes, C. W. *gr* Cresskill, N. J.  
 Hayes, E. A. 4 *c* 619 W. 113  
 Hayner, L. J. † 1 *b* 4 Washington Pl.,  
 Hasbrouck Heights, N. J.

Haynes, C. B. *gr*  
 Haynes, F. F. † 2 *b* Brooks  
 Haynes, P. G. 2 *pa* Whittier  
 Hays, E. † *gr ed* 423 W. 120  
 Hays, L. 4 *j* Farnald  
 Hays, R. 3 *m*  
 Hays, R. † 2 *pa* 431 Riverside Dr.  
 Hayum, A. H. 2 *l* Farnald  
 Hayward, C. S. 3 *s* 565 W. 113  
 Heacock, M. J. † 2 *b* 173 W. 85  
 Heacock, W. J. 1 *c* 173 W. 85  
 Head, W. D. *gr ed*  
 69 Halcyon Terrace, New Rochelle  
 Heagerty, M. G. † 3 *pa*  
 Healy, F. C. 4 *s* 722 St. Nicholas ave.  
 Healy, J. 4 *c* 540 W. 113  
 Healy, T. J. 3 *l* Farnald  
 Hearn, A. E. 1 *c* 731 Avenue Y, Bklyn.  
 Hearn, C., Jr. 3 *l* Farnald  
 Heath, B. † *gr* 420 W. 116  
 Heath, J. D. 3 *c* 175 W. 88  
 Heath, J. N. 3 *s* 540 W. 113  
 Heaton, C. D. *gr* 423 W. 118  
 Hebb, T. C. *sp s* 503 W. 124  
 Hecht, E. S. R. † 3 *b* 41 Bennett ave.  
 Hecht, R. † 4 *b* 219 W. 81  
 Heck, E. B. 3 *m* 350 W. 88  
 Heckelman, I. 4 *ed* 251 S. 3, Bklyn.  
 Hedden, C. E. *gr ed*  
 33 Forest ave., Caldwell, N. J.  
 Hedges, R. E. *gr* 26 Jones  
 Heflin, B. † *gr ed* Whittier  
 Hege, F. B. † *gr* 135 E. 52  
 Hegeman, J. C. 1 *c* Hartley  
 Heilbrunn, J. † *gr* 51 Clark, Bklyn.  
 Heimroth, J. W. *gr* 233 Broadway  
 Heins, J. 1 *pa* 49 E. 88  
 Heinzelmann, P. *gr* 117 W. 87  
 Heisler, J. J. *phar*  
 80 Halleck ave., Bklyn.  
 Helbing, G. S. † *nm ed* Whittier  
 Heldt, F. H. 3 *c* 122 E. 86  
 Helfand, L. *phar* 1493 Madison ave.  
 Helfst, S. C. † *gr* 519 Chauncey, Bklyn.  
 Heller, H. B. *phar* 61 E. 3  
 Heller, J. A. *phar* 1789 Bathgate ave.  
 Heller, M. J. *phar* 3 Sheriff  
 Hellman, H. E. † *gr* 301 W. 81  
 Hellstrom, C. I. *gr* 600 W. 122  
 Helmer, H. T. 2 *c*  
 163 Sixth ave., Bklyn.  
 Helms, H. H. 4 *c* 15 Maple Pl., Ossining  
 Hendel, J. M. *nm c* Farnald  
 Henderson, A. G. 1 *j*  
 1062 ave. C, Bayonne  
 Henderson, C. P. † *nm pa*  
 49 Henry, (Flatbush) Bklyn.  
 Henderson, E. † 4 *pa*  
 940 Madison ave., Paterson

- Henderson, E. E. 1 c  
1050 Amsterdam ave.
- Henderson, F. T. 3 c 434 Riverside Dr.
- Henderson, H. L. *gr* 616 W. 113
- Henderson, H. V. † *gr*  
49 Henry, (Flatbush) Bklyn.
- Hendley, C. J. *gr* 323c. Main, Paterson
- Hendrian, A. W. *gr* 2010 Valentine ave.
- Hendricks, H. S. 2 l 54 W. 87
- Hendrickson, D. T. *gr ed*  
Port Monmouth, N. J.
- Hendrickson, R. E. 2 l  
925 Sterling Pl., Bklyn.
- Henk, R. L. *nm pa* 509 W. 122
- Henn, A. W. *gr* Hartley
- Henne, A. W. 4 c 902 Trinity ave.
- Hennes, M. † 4 *ed* 423 W. 120
- Hennessy, H. † 1 b Brooks
- Henrichs, E. † *gr*
- Henry, A. S., Jr. 4 s 333 Central Pk. West
- Henry, E. † 3 *pa* Whittier
- Henry, H. N. † *nm ed* Whittier
- Henry, L. K. *gr* Ridgefield, N. J.
- Henry, M. E. *gr* Ridgefield, N. J.
- Henry, M. Y. † *gr*  
92 Highland ave., Jersey City
- Henry, T. B. 3 m  
Kings County Hospital, Bklyn.
- Henry, W. M. 3 s 333 Central Pk. West
- Hentel, R. † *gr* 153 Delancey
- Hepburn, D. B. † *nm b*  
1 Prospect Terrace, East Orange
- Hequembourg, T. M. 1 l  
873 St. Nicholas ave.
- Herbert, J. D. 1 c 434 W. 22
- Herbert, P. S. 1 c 434 W. 22
- Herckner, C. † *nm pa*  
211 Passaic, Hackensack
- Heritage, M. H. † *gr* Brooks
- Herkert, K. J., Jr., 3 l 565 W. 113
- Herman, A. 2 c 827 Manida
- Herman, E. † 2 b 105 W. 114
- Herman, G. † *gr ed* 106 Morningside Dr.
- Herman, H. 3 c 628 Third ave.
- Herman, H. 3 m 2 W. 94
- Herman, H., Jr. 1 c 35 E. 60
- Herman, S. 4 c 23 E. 113
- Hermann, A. C. C. † 3 b  
84 Sterling Pl., Bklyn.
- Hernsdorf, R. P. 3 s 538 E. 88
- Hernandez, C. P. a 618 W. 113
- Herod, E. † 1 b 126 Claremont ave.
- Herod, M. † 1 b 126 Claremont ave.
- Herold, A. L. *gr* 633 W. 115
- Herr, C. R. 1 l Flemington, N. J.
- Herr, L. A. 3 *pa* 500 W. 122
- Herre, E. F. † 3 *pa* 388-8th, Bklyn.
- Herrick, L. B. † 4 *pa* Whittier
- Herrick, R. M. 4 c Hartley
- Herring, A. C. 3 m  
509 Elm, Richmond Hill
- Herrmann, A. F. 2 m 137 W. 69
- Herrmann, G. † 1 b 1005 E. 40, Bklyn.
- Herrmann, M. † 1 b 21 E. 92
- Hershey, E. † 3 *pa* 17 Linden ave., Bklyn.
- Herson, O. *gr* 1379 Franklin ave.
- Herstein, K. M. 3 c 1417-75th, Bklyn.
- Herz, C. 2 c Furnald
- Herzfeld, L. F. † *gr* 147 W. 86
- Herzig, S. M. 2 c 525 West End ave.
- Herzog, E. 1 c 824 St. Nicholas ave.
- Herzog, N. R. † 1 *pa* 38 E. 73
- Heslin, W. F. 2 m  
1024 Bedford ave., Bklyn.
- Hess, M. N., † *gr* 955 Park ave.
- Hess, R. J. † *gr* 956 Madison ave.
- Hesselbach, H. V. *gr ed* 414 E. 84
- Hessler, E. E. † 3 *pa* Tenafly
- Hessler, M. † *gr ed* Whittier
- Hessler, M. C. † *gr* Whittier
- Hettling, F. C. 1 c 202 W. 74
- Hetzel, F. C. 2 m 346 W. 57
- Heuermann, H. F. † *gr* Whittier
- Heumann, E. I. † 3 *pa* 206 W. 118
- Heuterkes, L. † 1 b  
11 Abbett, Jersey City
- Hewes, E. D. *nm ed* 519 W. 123
- Hewitt, E. W. † 3 *pa* 409-8th, Bklyn.
- Heydecker, C. M. 3 c 558 W. 113
- Heyman, B. C. *gr* 156 Sumner av., Bklyn.
- Heyman, F. † 2 b 537 W. 123
- Heyman, M. 3 s 1887 Madison ave.
- Heyman, M. E. † 3 b  
325 Montgomery, Jersey City
- Hibbs, H. H., Jr., *gr* 7918 Underwood av.
- Hickey, T. E. 3 c 538 W. 114
- Hickok, N. W. † *gr* 324 W. 83
- Hicks, G. † *nm ed* 45 W. 35
- Hicks, G. T. *gr* Livingston
- Hicks, K. H. † *nm ed* 419 W. 118
- Hickson, L. T. *gr ed* 546 W. 124
- Hiebel, T. † 3 b  
57 Fairmount ave., Newark
- Hiemenga, J. J. *gr*  
219 Myrtle ave., Passaic
- Hiesel, J. M. † *gr ed* 321 St. Nicholas ave.
- Higgins, F. C. † *gr* 24 Greene ave., Bklyn.
- Higgins, H. M. † *gr* 360 W. 123
- Higgins M. † *gr ed* 4 W. 129
- Higgins, O. C. † 1 *pa* 27 High, Glen Ridge
- Hildebrand, H. E. 3 s 295 E. 4, Bklyn.
- Hildenbrand, S. M. † 2 b 1446 Fifth ave.
- Hildred, L. † 2 b Brooks
- Hildreth, M. D. 3 l Livingston
- Hill, A. D. † *gr* 539 W. 112
- Hill, B. S. *gr* Livingston
- Hill, C. M. † *gr ed* Norwalk, Conn.
- Hill, D. *nm c* 574 West End ave.



Hill, D. I. † 4 *ed* Whittier  
 Hill, E. M. † *nm ed* Ridgefield Park  
 Hill, E. M. † 3 *pa* Whittier  
 Hill, H. G. † *gr* 420 W. 119  
 Hill, J. L. 3 *l* Furnald  
 Hill, L. B. † *nm ed* 106 Morningside Dr.  
 Hill, R. † 2 *pa* Whittier  
 Hillas, M. † *gr ed* 430 W. 119  
 Hiller, J. T. 1 *j* Furnald  
 Hillhouse, E. † 3 *pa* Whittier  
 Hillier, A. A. † *nm pa*  
 Hillman, W. 3 *c* Furnald  
 Hills, B. † *gr* 401 W. 118  
 Hills, J. A. *gr* Westwood, N. J.  
 Hilton, V. † 4 *pa* Whittier  
 Hinds, E. A. † *gr ed* Edgewater  
 Hines, A. B. *gr* 209 E. 31  
 Hines, J. C. *gr ed* Livingston  
 Hines, K. † 2 *b* 870 S. 15, Newark  
 Hines, T. A. 3 *c* 538 W. 114  
 Hinton, C. W. *gr ed* Locust Valley  
 Hirons, G., Jr. 2 *c* 300 W. 106  
 Hirschberg, A. *gr ed*  
 1253 St. Nicholas ave.  
 Hirschensohn, T. † *gr*  
 521 Washington, Hoboken  
 Hirschensohn, T. R. † *gr*  
 521 Washington, Hoboken  
 Hirscher, M. N. *gr ed* 825 E. 163  
 Hirscher, W. *nm ed* 825 E. 163  
 Hirschhorn, S. 1 *c* 161 E. 89  
 Hirsdansky, S. † 4 *ed* 503 W. 122  
 Hirsh, C. † *nm b* 306 W. 100  
 Hirshcopf, P. *gr ed*  
 913 St. Marks ave., Bklyn.  
 Hirshenson, B. H. *gr*  
 521 Washington, Hoboken  
 Hirshfeld, S. 2 *m* 790 Riverside Dr.  
 Hirshfield, I. W. 3 *c* 46 W. 83  
 Hirshleifer, L. J. *gr* 206 Keap, Bklyn.  
 Hitchins, P. R. 1 *j* Furnald  
 Hoag, C. † 1 *pa* 126 W. 81  
 Hobbie, J. R., Jr. *gr* 2512 University ave.  
 Hobbs, K. S. 2 *c* 320 W. 86  
 Hobby, B. † 2 *pa* 13 W. 131  
 Hoberg, H. G. 1 *c* 502 Chauncey, Bklyn.  
 Hoch, S. † 2 *b* Ward's Island  
 Hochette, H. E. 3 *s* 538 W. 114  
 Hochschild, G. † *gr* 565 West End ave.  
 Hochstadter, W. S. *nm c* Hartley  
 Hochstein, J. 1 *c*  
 1611 St. Marks ave., Bklyn.  
 Hochstein, L. I. 3 *l* 30 E. 3  
 Hockert, J. R. 2 *l* 2040 Fifth ave.  
 Hodge, E. T. *gr* 164 Waverly Pl.  
 Hodges, A. B. 1 *m* Furnald  
 Hodges, M. † *nm pa* 430 W. 118  
 Hodgson, F. J. *nm ed*  
 163 Jasper, Paterson

Hodgson, H. L. *gr* 420 W. 119  
 Hoey, J. M. † *gr* 438 W. 57  
 Hoff, E. † *nm pa*  
 Hoff, L. R. † 2 *pa* 29 Morris, Yonkers  
 Hoffman, E. M. † 2 *b* 525 W. 138  
 Hoffman, J. A. M. † 1 *b* 525 W. 138  
 Hoffman, L. C. † 4 *pa* 411 W. 115  
 Hoffman, M. *a* 58 E. 79  
 Hoffman, M. † 1 *b* 54 Main, Irvington  
 Hoffman, M. C. † 3 *pa* 503 W. 121  
 Hoffman, M. C. *nm pa* 59 E. 80  
 Hoffman, R. B. † *nm pa*  
 45 Elizabeth ave., Newark  
 Hoffmann, A. S. 3 *l* 211 E. 18  
 Hofford, M. † 1 *pa* Whittier  
 Hoffsommer, W. E. *gr ed*  
 1842 Seventh ave.  
 Hogan, R. L. *nm l*  
 Hoge, A. A. *gr* 352 W. 57  
 Hogg, M. R. *gr* 143 Keap, Bklyn.  
 Holbrook, H. † 2 *b* 795 St. Nicholas ave.  
 Holbrook, H. S. † 2 *b* Brooks  
 Holbrook, L. † 2 *pa* Whittier  
 Holcke, H. A. † *gr*  
 2504 Church ave., Bklyn.  
 Holden, B. A. † 4 *pa* Whittier  
 Holderer, L. † *gr ed* 423 W. 120  
 Holeman, L. † *nm ed* 416 W. 118  
 Holinger, S. C. † *gr ed* 628 W. 114  
 Holland, D. † 1 *b* 134 W. 81  
 Hollander, C. 2 *c* 125 W. 78  
 Hollander, F. 1 *c* 113 S. 4, Bklyn.  
 Holley, E. J. † *nm ed* Whittier  
 Hollingworth, L. S. † *gr ed* 417 W. 118  
 Hollmann, R. F. 4 s 488 Monroe, Bklyn.  
 Holloway, C. L. † 2 *b*  
 830 St. Nicholas ave.  
 Holman, E. † 3 *j* 701 Macon, Bklyn.  
 Holst, W. A., Jr. 2 *c*  
 64 East ave., Long Island City  
 Holt, S. C. † 1 *b*  
 414 S. Third ave., Mt. Vernon  
 Holthusen, H. F. 2 *l*  
 684 Madison, Bklyn.  
 Holtzman, M. *phar* 163-2nd, Elizabeth  
 Holz, H. G. *gr ed* 363 W. 123  
 Holz, S. † *gr* 345 W. 70  
 Holzberg, L. D. *phar* 485 E. 173  
 Holzer, R. G. *phar* 422 E. 152  
 Holzinger, J. J. *gr* 1270 Amsterdam ave.  
 Holzman, A. *gr ed* 1 Sherman, Bklyn.  
 Holzwasser, F. † *gr* 202 Riverside Dr.  
 Homan, G. † 2 *b* 171 St. Nicholas ave.  
 Homlet, H. *gr* 54 Manhattan ave.  
 Honigstock, D. 2 *c* 853 Beck  
 Honor, L. L. *gr ed* 54 E. 122  
 Hood, E. R. † 3 *pa*  
 350 Clinton ave., Newark, N. J.  
 Hooker, S. † 1 *b* Brooks

- Hooper, M. L. † *nm ed* Whittier  
 Hooven, W. T., Jr. 3 *c* 565 W. 113  
 Hoover, M. M. *gr* 417 W. 120  
 Hope, C. A. 2 *l* 301 W. 106  
 Hopkins, E. B. † *gr* 122 E. 64  
 Hopkins, J. W. 2 *c* 52 W. 84  
 Hopkins, T. 3 *pa* 38 Elm, Elizabeth  
 Hopper, A. *nm ed* 141 Sayre, Elizabeth  
 Hopper, M. † 1 *pa*  
     63 Doremus ave., Ridgewood  
 Hopping, C. † 1 *pa* Whittier  
 Horan, E. C. 1 *c* Bronxville  
 Hornik, A. R. *nm l* 100 Broadway  
 Horowitz, B. *phar* 664 E. 160  
 Horowitz, G. J. *gr* 156 E. 94  
 Horowitz, H. 2 *c* 335 Crimmins ave.  
 Horowitz, L. 4 *c* 180 S. 3, Bklyn.  
 Horowitz, L. *phar* 315 E. 12  
 Horst, M. *gr* 244 Spring  
 Horton, E. B. † 1 *pa* Whittier  
 Horton, I. A. † *gr* 276 Rugby Rd., Bklyn.  
 Horton, R. E. *nm ed* 4241 Broadway  
 Horton, W. D. 1 *l*  
     316 Carlton ave., Bklyn.  
 Horton, W. S. 3 *m* 200 W. 100  
 Horwitt, P. † *gr* 658 Dawson  
 Horwitz, A. *phar* 119 E. 101  
 Horwitz, I. *gr* 650 E. 170  
 Horwitz, M. *gr* 171 E. Broadway  
 Hosford, J. † 3 *pa* 419 W. 118  
 Hoskins, M. M. † *gr ed* 527 W. 121  
 Hossfeld, E. † *gr* 106 Morningside Dr.  
 Hosterman, J. S. *gr ed* Furnald  
 Hotchkiss, H. † *nm ed* 519 W. 123  
 Hotchkiss, H. G. 3 *l* 59 W. 48  
 Hotz, H. G. *gr ed* 363 W. 123  
 Hough, G. A., Jr. *nm j* Furnald  
 Hough, H. B. 2 *j* Furnald  
 Hough, H. D. † *gr* Phillipsburg, N. J.  
 Hourwich, I. 2 *c* 180 Hewes, Bklyn.  
 House, F. E. *gr ed* 420 W. 119  
 Houseman, W. L. *gr ed*  
     18 Odell ave., White Plains  
 Howard, H. † *nm ed* 414 W. 118  
 Howard, J. W. 1 *m* Furnald  
 Howe, F. R. † 3 *pa* 438 W. 116  
 Howe, R. W. 3 *c* Furnald  
 Howell, G. D. † 4 *pa*  
     9 Arlington Pl., Bklyn.  
 Howell, J. T., Jr. 1 *m* 346 W. 57  
 Howell, S. I. 3 *s* 565 W. 113  
 Hower, L. *gr ed* St. Luke's Hospital  
 Howes, R. † 4 *pa* Whittier  
 Howkins, J. S. 2 *m* 62 W. 47  
 Howley, C. P. 2 *m* 406 W. 34  
 Hoyem, O. 2 *j* 616 W. 113  
 Hoyt, E. P. † *gr* 602 W. 125  
 Hoyt, H. † *sp b* 521 W. 112  
 Hraba, J. F. F. 1 *c* 314 E. 86  
 Hritz, J. 1 *c*  
 Hsi, T. C. *gr* Furnald  
 Hsu, E. T. † 4 *ed* Whittier  
 Hu, I. T. *gr ed* Hartley  
 Hu, S. *gr* Furnald  
 Huang, H. L. *gr* Hartley  
 Huang, T. M. 4 *c* 365 W. 117  
 Hubbard, E. H. *b* † 4 Brooks  
 Hubbard, F. M. † 4 *pa* 431 W. 121  
 Hubbard, M. † 4 *pa* 131 W. 94  
 Hubbard, M. G., Jr. 3 *l* 33 Convent ave.  
 Hubbard, R. 1 *l*  
 Hubbell, G. L., Jr. 1 *l* Garden City  
 Hubbell, H. J. † 3 *pa* 605 W. 156  
 Hubbell, J. P. 4 *s*  
     6 Cathedral ave., Garden City  
 Huber, H. 2 *c* 866 West End ave.  
 Hubert, M. R. † *gr* 414 W. 121  
 Hucker, G. J. *gr* 512 W. 172  
 Hudson, A. M. † *nm pa* 420 W. 116  
 Hudson, E. M. 3 *m*  
     39 Broad, Plattsburgh  
 Hudson, P. L. 2 *m*  
     Kings County Hospital, Bklyn.  
 Huelsenbeck, A. L. 2 *c* 565 W. 113  
 Huggins, M. † 3 *pa* Whittier  
 Hughes, F. L. 1 *m* 318 W. 57  
 Hughes, J. E. *gr ed* 528 W. 123  
 Hughes, J. F. 3 *c* 1470 E. 18, Bklyn.  
 Hughes, M. F. † *gr* 43 Lake, Bloomfield  
 Hughes, R. M. † 3 *pa*  
     112 Park ave., Paterson  
 Hughes, S. † 1 *pa* 3920 Broadway  
 Hughes, W. M., Jr. 3 *c* Furnald  
 Huguenin, C. *gr* 430 W. 119  
 Huie, A. † 3 *pa* 225 E. 31  
 Hukkamp, M. † 4 *b*  
     280 Ft. Washington ave.  
 Hulbert, W. E. † *gr* 718 W. 178  
 Hume, W. F. *gr* 346 W. 57  
 Hummel W. F. *gr ed* 600 W. 122  
 Hummer, E. C. † *gr*  
     295 Lawton ave., Grantwood  
 Hummer, H. M. † 4 *pa* 500 W. 122  
 Humphrey, E. F. † *gr ed* 501 W. 120  
 Humphreys, M. 1 *l*  
     Normandie Pk., Morristown  
 Humy, E. † 1 *pa* Englewood  
 Hunsdon, E. C. † *gr* 510 W. 124  
 Hunt, C. H. *gr* 547 W. 123  
 Hunt, E. K. † *nm pa* 531 W. 124  
 Hunt, E. R. † *gr* 400 W. 118  
 Hunt, R. L. 3 *s* 329 Clifton Pl., Bklyn.  
 Hunter, A. H. 3 *l* Furnald  
 Hunter, S. A. *gr* 600 W. 122  
 Huntington, J. † 3 *pa*  
     16 Lawrence, Yonkers  
 Huntington, K. E. † 4 *pa*  
     16 Glen ave., Mt. Vernon

Huntly, M. F. † 3 <i>pa</i>	Whittier	Isay, H. W. <i>gr</i>	221 Grandview ave., Far Rockaway
Huntsman, G. † <i>nm ed</i>	414 W. 118	Ise, H. L. † <i>gr</i>	106 Morningside Dr.
Hurewitz, E. † 1 <i>b</i>	2 W. 88	Isenberg, B. † 2 <i>pa</i>	Whittier
Hurlbut, F. <i>nm ed</i>	Islip	Isler, I. <i>gr ed</i>	753-6th
Hurley, B. A. † 4 <i>pa</i>	26 Jones	Israel, J. L. 1 <i>l</i>	510 W. 124
Hurwich, B. <i>nm c</i>	251 W. 112	Ito, K. <i>gr</i>	106 Morningside Dr.
Hurwitch, E. L. † <i>nm ed</i>	130 Claremont ave.	Ito, M. <i>sp s</i>	60 Wall
Hurwitz, M. 1 <i>c</i>	265 Madison	Iverson, M. C. 4 <i>s</i>	447-44th, Bklyn.
Huske, J. S. 4 <i>c</i>	Livingston	Ivins, C. P. 2 <i>c</i>	Livingston
Hutchens, D. K. 1 <i>m</i>	Pulaski, N.Y.	Ivins, L. S. <i>gr ed</i>	417 W. 118
Hutchings, M. † 2 <i>pa</i>	Whittier	Iwasawa, T. † <i>gr ed</i>	Whittier
Hutchinson, A. A. <i>gr</i>	15 William	Jablonower, A. † 3 <i>b</i>	1390 Clinton ave.
Hutchinson, G. † <i>nm pa</i>	165 Madison av.	Jaccard, L. † <i>gr</i>	126 Cleveland, Bklyn.
Hutchinson, H. † <i>gr ed</i>	Whittier	Jackowitz, D. M. <i>phar</i>	855 Home
Huthsteiner, L. 2 <i>l</i>	Furnald	Jackson, E. C. 3 <i>s</i>	633 W. 115
Hutner, S. 2 <i>c</i>	1130 Union ave.	Jackson, J. A. 4 <i>j</i>	627 W. 113
Hutton, A. D. † 4 <i>pa</i>	18 S. Burnett, East Orange	Jackson, J. D. <i>gr</i>	Livingston
Hutton, H. S. 4 <i>s</i>	616 W. 113	Jackson, L. J. 3 <i>s</i>	240 W. 61
Hwang, T. F. <i>gr</i>	Livingston	Jackson, M. D. † <i>nm pa</i>	106 Morningside Dr.
Hyde, F. O. 1 <i>j</i>	1 Sylvan Court	Jackson, M. F. † 1 <i>b</i>	Jericho, N. Y.
Hyde, J. † 3 <i>pa</i>	Whittier	Jacob, E. H. 1 <i>pa</i>	777 West End ave.
Hyde, S. E. † 3 <i>pa</i>	160 Claremont ave.	Jacobius, M. <i>phar</i>	255 Seventh ave.
Hyman, B. 1 <i>pa</i>	103½ N. 7, Bklyn.	Jacobs, A. M. † 3 <i>pa</i>	19 Prospect Terrace, East Orange
Hyman, C. 3 <i>c</i>	1134 Lexington ave.	Jacobs, D. M. † 2 <i>b</i>	364 W. 119
Hyman, H. T. 3 <i>m</i>	547 Riverside Dr.	Jacobs, E. † 1 <i>b</i>	103 W. 114
Hyman, L. R. <i>phar</i>	153 W. 66	Jacobs, H. L. 4 <i>s</i>	751 Greene ave., Bklyn.
Icahn, M. <i>gr ed</i>	213 Scholes, Bklyn.	Jacobs, L. <i>phar</i>	232 E. 6
Igarashi, T. <i>sp s</i>	179 W. 93	Jacobs, M. <i>nm pa</i>	559 Ave. C, Bayonne
Iglitzen, J. <i>phar</i>	106 E. 109	Jacobs, S. R. 1 <i>c</i>	37 W. 70
Ikemoto, S. E. <i>gr</i>	600 W. 122	Jacobsen, W. H. 2 <i>c</i>	172 Rector, Perth Amboy
Ill, C. H. 2 <i>m</i>	188 Clinton ave., Newark	Jacobson, A. 3 <i>pa</i>	99 N. Broad, Newark
Ill, E. W. 3 <i>m</i>	188 Clinton ave., Newark	Jacobson, A. M. 1 <i>c</i>	Hartley
Illman, F. G. 2 <i>c</i>	Furnald	Jacobson, G. 3 <i>s</i>	1548 Minford Pl.
Illman, M. † 2 <i>pa</i>	Whittier	Jacoby, J. H. † <i>sp b</i>	285 Central Pk. West
Ilsen, W. R. 2 <i>l</i>	52 Morningside ave.	Jacoby, M. 1 <i>c</i>	39 Claremont ave.
Immediate, P. J. <i>phar</i>	3090 Villa ave.	Jacowitz, H. 2 <i>c</i>	211 W. 135
Immel, M. K. 1 <i>pa</i>	142 Archer ave., Mt. Vernon	Jadwin, D. O. † <i>gr ed</i>	Whittier
Ingeloff, T. J. <i>sp s</i>	507 W. 111	Jaffe, P. J. 3 <i>c</i>	2 E. 115
Ingersoll, C. D. 2 <i>c</i>	876 Park Pl., Bklyn.	Jagger, O. B. † 4 <i>pa</i>	505 W. 121
Ingham, E. B. † <i>gr ed</i>	414 W. 121	James, A. V. † <i>gr</i>	846 Beck
Inglis, E. S. † 3 <i>pa</i>	Whittier	James, C. P. † 3 <i>pa</i>	Whittier
Ingraham, F., Jr. 2 <i>l</i>	Hempstead	James, E. † <i>gr ed</i>	414 W. 102
Ink, K. S. † 4 <i>pa</i>	537 W. 121	James, G. <i>gr</i>	522 W. 123
Inkeles, A. <i>gr ed</i>	90 Christopher	James, G. E. 3 <i>pa</i>	651 W. 179
Innis, E. † <i>nm pa</i>	606 W. 116	James, J. <i>sp s</i>	Furnald
Inouge, J. <i>gr</i>	102 W. 123	James, L. P. † 3 <i>pa</i>	Whittier
Insinga, S. <i>phar</i>	102 E. 7	James, M. † 2 <i>pa</i>	501 W. 121
Ireland, E. W. <i>gr ed</i>	South Norwalk, Conn.	James, R. M. † <i>nm pa</i>	423 W. 118
Irion, T. W. H. <i>gr ed</i>	Livingston	James, V. † <i>gr</i>	522 W. 123
Irvine, E. † <i>nm ed</i>	140 W. 103	James, V. † 4 <i>pa</i>	79 Clifford ave., Pelham,
Isaac, G. <i>gr</i>	600 W. 122	Janney, R. † 2 <i>pa</i>	Whittier
Isaacs, H. J. 3 <i>m</i>	1337 Madison ave.	Jansen, W. <i>gr ed</i>	2233 Belmont ave.
Isaacs, M. <i>gr ed</i>	10 W. 116	Jaques, M. P. † <i>gr</i>	Brooks
Isaacson, C. B. 1 <i>c</i>	48 W. 89	Jardine, B. W. † 4 <i>pa</i>	Whittier
Isabel, E. C. † <i>gr</i>	251 W. 98	Jaretske, M. † <i>gr</i>	121 E. 73

- Jarvis, R. † 1 *b* Brooks  
 Jascavich, A. *gr* Livingston  
 Jauss, R. B. 3 *s* 151 W. 80  
 Jaussle, L. † 3 *pa* 10 Callister, Queens  
 Jeanneret, A. 4 *s* Hartley  
 Jeffery, E. † 4 *pa* 519 W. 121  
 Jelinek, F. F. † *nm ed* 357 W. 115  
 Jenik, L. A. 1 *c* 133 Ferguson, Corona  
 Jenkins, A. U. *gr ed* 70 Seventeenth ave., Paterson  
 Jenkins, M. B. † *gr* Oceanview ave., Jamaica  
 Jenkins, M. C. † *gr ed* 39½ Washington Sq., S.  
 Jenks, A. F., Jr. 2 18 Pierrepont, Bklyn.  
 Jenks, L. H. *gr* 706 W. 179  
 Jenne, H. † *gr ed* Port Chester  
 Jenney, R. F. *gr* 600 W. 122  
 Jennings, H. † 2 *b* 413 Hillside ave., Jamaica  
 Jennings, R. H. † 3 *b* Brooks  
 Jensen, E. L. *gr* Hartley  
 Jensen, L. G. 1 *c* 53 Hatfield ave., Port Richmond  
 Jensen, R. † 3 *b* 2337 Webster ave.  
 Jensen, S. M. † 4 *pa* 18 E. 127  
 Jessup, E. C. 4 *m* 16 Irving Pl., Bklyn.  
 Jessup, K. A. † *nm pa* 55 E. 65  
 Jessup, T. D. *gr* 420 W. 119  
 Jeter, B. H. † 4 *pa* 423 W. 118  
 Jewell, F. M. † *nm ed*  
 Jewett, C. H. 4 *m* Livingston  
 Jewett F. W. 1 *s* 14 Morningside Ave.  
 Jewett, T. S. 2 *l* Fernald  
 Joachim, B. 1 *c* 161 Tompkins ave., Bklyn.  
 Jocelyn, L. E. † 415 W. 118  
 Joelson, J. J. *nm c* 87 Fair, Paterson  
 Joerns, M. † 3 *pa* St. Luke's Hospital  
 Johann, N. E. † *gr* 3774 Park ave.  
 Johanson, A. M. 4 *c* 730 Cranford ave.  
 Johanson, F. O. 3 *c* 513 E. 176  
 John, G. H., Jr. 4 *s* 2702 Bainbridge ave.  
 Johnsen, H. 1 *pa* Whittier  
 Johnson, A. A. 3 *m* 350 W. 58  
 Johnson, A. C. † *gr ed* 537 W. 121  
 Johnson, A. E. † *nm ed* Morristown  
 Johnson, A. I. † *nm ed* 106 Morningside Dr.  
 Johnson, B. † 3 *b* 2215 Ave. Q, Bklyn.  
 Johnson, C. † *nm pa* 97 Paulison Ave., Passaic  
 Johnson, C. R. † 1 *b* 155 Sickles ave., New Rochelle  
 Johnson, E. A. *gr ed* 160 Vernon ave., Bklyn.  
 Johnson, E. F. † 1 *b* 220 W. 69  
 Johnson, E. W. 3 *pa* Morristown  
 Johnson, G. R. *gr* 522 W. 123  
 Johnson, J. † 1 *b* Spuyten Duyvil  
 Johnson, J. H. 1 *c* 173 W. 63  
 Johnson, L. † *nm ed* 519 W. 121  
 Johnson, L. † *gr* 60 Astor Pl., Jersey City  
 Johnson, L. E. † 1 *pa* 62 Newark ave., Jersey City  
 Johnson, M. E. † 4 *pa* Whittier  
 Johnson, P. B. 4 *m* 130 W. 104  
 Johnson, S. E. † 1 *pa* Whittier  
 Johnson, S. T., Jr. 4 *s* 522 W. 123  
 Johnson, T., Jr., 3 *s* 17-3rd, Woodside  
 Johnson, V. *phar* 171 Carroll, Bklyn.  
 Johnson, W. E. *gr* 168 Grafton Ave., Newark  
 Johnson, W. F. *gr ed* Hartley  
 Johnston, E. K. † 3 *pa* 1272 Boston Rd.  
 Johnston, G. E. 2 *c* Northport  
 Johnston, H. L. *phar* Broadway, Elmhurst  
 Johnston, J. E. † 4 *pa* 514 W. 122  
 Johnston, M. L. † *gr* 68 Kingsland ave., Elmhurst  
 Johnston, T. W. 4 *pa* 530 W. 123  
 Johnston, W. S. 3 *s* 542 W. 112  
 Johnstone, M. M. 3 *c* 506 W. 171  
 Jonas, G. E. 1 *c* 2 W. 89  
 Jones, A. A. † *nm ed* 65 Whitney ave., Elmhurst  
 Jones, A. S. † 3 *pa* 114 W. 81  
 Jones, C. R. 1 *j* 27-4th, Woodside  
 Jones, DeW C., Jr. 3 *l* 747 Salem Rd., Elizabeth  
 Jones, E. † 3 *pa*  
 Jones, E. E. † *nm b* Park Hill Terrace, Yonkers  
 Jones, F. W. *gr* Hasbrouck Heights, N. J.  
 Jones, H. † 1 *b* 106 Morningside Dr.  
 Jones, H. E. † 3 *pa* 416 W. 118  
 Jones, H. W. † 4 *pa* Whittier  
 Jones, J. C. *gr* 225 W. 35  
 Jones, J. C. *nm pa* 523 W. 121  
 Jones, L. E. † 1 *pa* 510 W. 124  
 Jones, M. E. † 4 *pa* 118 Sterling Pl., Bklyn.  
 Jones, O. D. † *nm ed* Whittier  
 Jones, P. † 4 *pa* Whittier  
 Jones, R. A. 4 *s* 524 W. 123  
 Jones, R. S. *gr ed* 420 W. 121  
 Jones, S. A. D. 1 *l*  
 Jones, V. L. 4 *s* 531 W. 113  
 Jones, W. H. a 81 Morton, Bklyn.  
 Jordan, A. G. † *gr* 126 W. 102  
 Jordan, C. L. *gr* 500 Manhattan ave.  
 Joseph, H. 3 *c* Ocean ave., Rosedale  
 Josephson, A. † 2 *b* 1330 Franklin ave.  
 Josephson, E. M. 3 *m* 1330 Franklin ave.  
 Joyce, M. M. † *gr* 258-85th, Bklyn.  
 Jud, F. C. † *gr* 119 Franklin, Jersey City  
 Judge, E. W. † *nm pa* 341 W. 50

- Judson, R. L. *gr*  
     11 Bellaire Dr., Montclair  
 Kacena, B. † *nm pa*      Whittier  
 Kadison, A. *gr* 1109 Jefferson av., Bklyn.  
 Kadushin, D. E. *phar*      32 W. 122  
 Kaesmann, H. C. *phar*      115 W. 68  
 Kagan, L. B. 2 *l*      2598 Broadway  
 Kahn, B. I. *phar*      417 E. 5  
 Kahn, C. L. 4 *c*      505 W. 143  
 Kahn, D. † 1 *b*      1967-62nd, Bklyn.  
 Kahn, H. 3 *c*      241 W. 112  
 Kahn, J. 2 *j*      202 Riverside Dr.  
 Kahn, K. † 3 *b*      202 Riverside Dr.  
 Kahn, M. R. † *a*      Whittier  
 Kahn, P. *phar*      211 St. Anns ave.  
 Kahn, S. 2 *c*      850 Park ave.  
 Kahn, S. 4 *m*      1056 Hoe ave.  
 Kahrs, H. J. † 3 *b*      533 W. 141  
 Kaiser, C. H. *gr*      3 E. 45  
 Kajiwarra, S. *sp s*      130 W. 93  
 Kalb, A. I. 2 *pa*      400 E. Houston  
 Kalberer, M. M. † *gr*      Whittier  
 Kalbfleisch, E. L. 4 *m*      34 W. 61  
 Kalenderian, V. H. 1 *l*  
 Kalman, H. 1 *c*      60 St. Mark's Pl.  
 Kalmen, B. *phar* 1998 Douglass, Bklyn.  
 Kalt, H. L. 2 *c*      124 E. 64  
 Kaltman, D. L. *phar*  
     324 Park ave., Hoboken  
 Kammerer, M. † 1 *b*  
     433 Bement ave., West New Brighton  
 Kandel, M. 2 *c*      77 Second ave.  
 Kandel, P. M. † *nm pa*      440 E. 26  
 Kane, D. C. 4 *s*      469-47th, Bklyn.  
 Kane, F. L. † 3 *pa* 148 Heyward, Bklyn.  
 Kane, H. S. 2 *c*      469-47th, Bklyn.  
 Kane, R. F. 3 *c*      213 Boerum, Bklyn.  
 Kaneko, G. J. *nm l*      330 E. 57  
 Kang, W. 3 *c*      176 Park Row  
 Kannofofsky, R. † 3 *b* 536 Decatur, Bklyn.  
 Kantsky, B. V. † *gr*      507 W. 112  
 Kaplan, H. *phar*      401 E. 8  
 Kaplan, H. *gr*      5 E. 118  
 Kaplan, J. *gr*      51 E. 102  
 Kaplan, L. 2 *c*      412 E. 58  
 Kaplan, M. *gr* 1708 Pitkin ave., Bklyn.  
 Kapp, J. *phar*      336 E. 18  
 Kaptanock, P. J. 1 *c* 2 Parker, Yonkers  
 Karch, J. 1 *j*      981 Tiffany  
 Karmel, C. E. † *gr ed*      1499 Vyse ave.  
 Karp, J. 1 *c*      496a Monroe, Bklyn.  
 Karr, L. E. † 3 *b*  
     822 Dr Grau ave., Newark  
 Karr, W. *phar*      411 W. 21  
 Karsten, K. R. G. *nm l*      515 W. 124  
 Kashden, H. A. 4 *c*  
     750 Flatbush ave., Bklyn.  
 Kasper, A. † *gr*      165 W. 228  
 Kassel, M. 3 *c* 155 Vernon ave., Bklyn.
- Kastanek, R. *gr*      600 W. 122  
 Kaster, L. † *nm pa*      414 W. 121  
 Katz, A. 1 *c*      736 Greene ave., Bklyn.  
 Katz, H. A. 3 *c*      2090 Dean, Bklyn.  
 Katz, J. *gr*      60 Henry  
 Katz, R., Jr. *nm c*      150 W. 79  
 Katz, Y. † 3 *b* 736 Greene ave., Bklyn.  
 Katzen, J. 1 *c*      154 Floyd, Bklyn.  
 Kaufman, A. J. 2 *c*  
     511 Willoughby ave., Bklyn.  
 Kaufman, E. L. *nm c*  
     308 Lafayette ave., Bklyn.  
 Kaufman, J. 3 *m* 444 Stone ave., Bklyn.  
 Kaufman, L. D. 2 *c*      132 W. 104  
 Kaufman, R. C. † 1 *pa*      600 W. 183  
 Kaufman, S. *gr*      430 W. 118  
 Kearney, H. † *gr*      313 W. 77  
 Kearney, L. I. *gr ed*      157 E. 39  
 Keating, J. J. H. 3 *m*      684 E. 226  
 Keating, R. 3 *j*      495 West End ave.  
 Keator, M. † *gr ed*      Whittier  
 Keck, D. † 2 *b*      30 N. 26, Flushing  
 Keddy, J. L. *gr*      Hartley  
 Keeler, L. † 1 *b*      431 Riverside Dr.  
 Keen, E. V. *nm l*      225 W. 69  
 Keen, J. H. *gr*      Livingston  
 Keenan, E. T. *phar* 2170 University av.  
 Kehrer, A. † *nm ed*      42 May, Newark  
 Keiser, S. J. *gr*      120 W. 114  
 Keith, M. C. † *gr*  
     3 Elmcresc Terrace, Norwalk, Conn.  
 Kelleher, C. 4 *s*  
     1061 N. Broadway, Yonkers  
 Kellner, M. J. † 4 *b* 1538 Union, Bklyn.  
 Kellogg, A. M. † *nm ed*  
     376 Clinton, Bklyn.  
 Kellogg, H. A. † *nm ed*  
     376 Clinton, Bklyn.  
 Kellogg, M. P. S. † *nm ed*      285 W. 12  
 Kelly, A. M. † 3 *pa*      415 W. 120  
 Kelly, E. G. † *gr*      135 Hamilton Pl.  
 Kelly, G. B. 1 *c*      456 E. 179  
 Kelly, J. A. *gr*      Livingston  
 Kelly, L. A. *gr ed*      976 Anderson ave.  
 Kelly, M. † 4 *b*      Brooks  
 Kelly, T. D. 1 *m*      357 W. 57  
 Kelly, T. P. *gr*      1713 Castle Hill ave.  
 Kelsey, I. R. † *nm ed* 1034 Prospect ave.  
 Kelton, M. E. † *nm ed*      17 E. 60  
 Kemp, A. B. † *gr ed*      Whittier  
 Kemp, J. T. 4 *s*      211 W. 139  
 Kemp, P. K. *gr*      211 W. 139  
 Kemp, W. C. B. *gr*      Furnald  
 Kempf, N. W. F. 4 *s*      Hartley  
 Kempner, A. H. 3 *c*      252 W. 130  
 Kempner, S. M. 1 *c*      44 W. 88  
 Kempton, E. M. † *gr ed*  
     9 Van Cortlandt Park ave., Yonkers  
 Kendel, E. H. † *nm ed*      512 W. 123

Kennard, R. B. 4 s	501 W. 110	Kilts, E. † 4 ed	Whittier
Kennard, V. † 4 b	501 W. 110	Kimball, D. B. gr	600 W. 122
Kennedy, A. C. † 4 j		Kimball, F. T. 1 c	Hartley
Kennedy, A. M. nm j	531 W. 113	Kimball, L. † 3 pa	510 W. 124
Kennedy, D. E. 3 c	538 W. 114	Kimball, L. F. 3 c	Hartley
Kennedy, M. † 3 pa	Whittier	Kimball, L. M. † gr ed	519 W. 121
Kennedy, M. B. † gr		Kimball, R. B., Jr. 1 m	44 E. 74
	1024 Hudson, Hoboken	King, B. H. 1 l	34 W. 128
Kennedy, O. I. † 2 pa	Whittier	King, F. 3 s	326 W. 107
Kennedy, P. A. gr ed	137 Garfield ave.	King, G. 1 m	64 W. 51
Kennedy, S. S. sp s	180 Claremont ave.	King, M. † 4 b	1465-51st, Bklyn.
Kenney, I. L. gr	40 W. 72	Kinley, C. † 4 pa	501 W. 121
Kent, A. D. gr ed	537 W. 121	Kinnan, M. E. 3 l	439 West End ave.
Kent, A. E. gr ed	Inwood	Kinnears, H. C. † gr	208 W. 69
Kent, D. † 3 pa	Whittier	Kinney, J. A. gr	24 W. 69
Kent, G. 1 j	575 W. 159	Kinsworthy, B. S. 3 l	Livingston
Kent, H. † 3 b	44 W. 100	Kintner, W. A. † 3 pa	675 E. 18, Paterson
Kent, S. L. 3 c	155 St. Marks av., Bklyn.	Kirk, E. † nm pa	425 W. 114
Kenyon, A. † nm gr	322 W. 100	Kirkbride, W. M. † gr	Whittier
Kenyon, F. † 2 b	322 W. 100	Kirkland, K. S. phar	Hartley
Kenyon, G. R. 3 l	924 West End ave.	Kirkpatrick, B. J. † gr	503 W. 121
Ker, E. G. † nm pa	119 Washington Pl.	Kirkpatrick, C. W. gr	30 E. 31
Ker, L. M. † gr ed	435 W. 119	Kirsh, B. S. 2 c	123 W. 118
Kerbeck, G. L. gr	321 E. 72	Kirwan, A. J. 3 c	550 W. 114
Kerby (Sister Margaret) gr	225 W. 14	Kirwan, H. M. † 3 pa	501 W. 143
Kern, M. 3 c	373 W. 116	Kirwin, C. † 3 j	924 President, Bklyn.
Kerpen, O. gr ed	1082 Longfellow ave.	Kisch, E. H. † 4 pa	Palisade
Kerr, G. † 1 b	418 W. 118	Kish, C. B. † phar	Whittier
Kessler, H. † phar	62 Oak, Mt. Vernon	Kister, F. A. 3 l	W. 8, Coney Island
Kessler, S. phar	107 W. 143	Kitchell, G. † gr ed	Whittier
Kester, I. S. gr	519 W. 121	Kittle, E. † gr ed	Whittier
Ketcham, C. B. gr	Madison, N. J.	Kladivko, H., Jr. 3 s	
Ketcham, H. † 3 b			404 Ninth ave., Long Island City
	60 Ravine av., Yonkers	Kladivko, L. † 2 b	
Ketcham, M. K. 1 c	33 Kensington		450 Ninth ave., Long Island City
	ave., Rockville Center, N. Y.	Klaer, B. † nm ed	501 W. 121
Ketcham, P. S. 4 ed	Westfield, N. J.	Klasky, L. H. † gr	527 W. 121
Ketels, L. H. gr		Klauber, M. † 2 pa	316 W. 82
	267 Chadwick ave., Newark	Klausner, D. M. 4 c	
Ketterlinus, E. † 1 b	434 W. 120		401 Hoboken ave., Jersey City
Key, C. B. † gr	Whittier	Klausner, I. † 3 b	
Keyes, E. E. 2 l	Livingston		1218 Van Alst ave., Astoria
Keys, E. † 4 ed	69 High, Yonkers	Kleban, M. H. 2 l	515 W. 110
Kharajian, H. gr	507 Manhattan ave.	Klein, F. † 3 pa	
Kidd, M. † 3 b	Brooks	Klein, H. gr	137 W. 119
Kieffer, G. L. gr	600 W. 122	Klein, H. 2 c	329 E. 10
Kieffer, N. A. † 4 ed	414 W. 120	Klein, H. 3 s	360 Beekman ave.
Kiely, M. † nm ed	52 W. 126	Klein, H. S. phar	525 E. 167
Kienan, E. phar	2170 University ave.	Klein, I. 4 j	1434 Bryant ave.
Kiendl, F. 1 c		Klein, K. F. 4 s	517 W. 124
	105 Pennsylvania ave., Bklyn.	Klein, L. gr	137 W. 119
Kilborn, R. C. a		Klein, M. A. † gr	40 Morningside ave.
	48 Prospect Dr., Yonkers	Klein, P. gr	313 E. 79
Kilbourne, K. A. 3 s	538 W. 114	Klein, S. 3 c	1267 Fifth Ave.
Kilburn, H. T. 3 c	537 W. 121	Klein, S. H. 3 s	1271 Myrtle ave., Bklyn.
Killough, W. H. D. 4 c	513-4th, Bklyn.	Kleiner, F. † 2 pa	14 Morningside ave.
Kilpatrick, L. E. † gr ed	Whittier	Kleiner, M. † gr	243 W. 76
Kilpatrick, M. Jr., gr	1245 Lind ave.	Kleinknecht, K. † 4 ed	Whittier
Kilroe, J. C. 2 c	408 Manhattan ave.	Kleinman, H. phar	248 S. 9, Bklyn.

- Klenke, E. L. † 2 b      Whittier  
     4 Fanouil Pl., New Rochelle  
 Klenke, F. M. 1 s      1165 Park ave.  
 Kleppner, V. † *phar* 2917 W. 32, Sea Gate  
 Kliatsheo, L. G. † 2 b      232 Henry  
 Kline, M. † 2 b      16 Marion, Nyack  
 Klines, H. J. *gr ed* Arverne Station, N.Y.  
 Kling, D. C. † 4 *ed*  
     480 McDonough, Bklyn.  
 Klingele, C. P. *phar* 9 Young, Stapleton  
 Klingenstein, P. 3 c      102 E. 79  
 Klingenstein, P. H. 2 l      136 E. 79  
 Klopfer, E. † 3 b      Hotel Ansonia  
 Klopman, V. † 1 b      Brooks  
 Kloss, A. M. † 2 b      90 Albion Pl., Pt. Rich, N. Y.  
 Klugescheid, W. P. 4 s      616 W. 113  
 Klupt, A. E. 3 s 995 Jefferson av., Bklyn.  
 Knap, M. G. † *gr*      423 W. 118  
 Knapp, C. L. † *gr*  
     4651 Fulton, Richmond Hill  
 Knapp, C. M. *gr*      627 W. 113  
 Knapp, C. S. 1 m      38 Washington ave., Greenwich, Conn.  
 Knapp, E. *gr*  
     661 Wilson Pl., Williamsbridge  
 Knapp, E. V. H. † *nm ed*  
     Hawthorne, N.J.  
 Knapp, H. E. † *nm pa*  
     170 St. James Pl., Bklyn.  
 Kneeland, N. † *gr* 970 Park Pl., Bklyn.  
 Kneip, M. H. † *gr ed*  
     106 Morningside Dr.  
 Kniasewich, A. *phar* 132 N. 1, Bklyn.  
 Kniasewker, N. *nm c* 2434 Seventh ave.  
 Knickerbocker, W. S. 3 c      353 W. 115  
 Knight, A. S. *nm j* 190 Claremont ave.  
 Knight, G. † 4 *pa*      Whittier  
 Knight, L. D. † 4 *pa*      523 W. 121  
 Knight, S. H. *gr*  
 Knoblauch, L. † *gr* 2328 Andrews ave.  
 Knobloch, G. H. 3 c 28 Bay 17, Bklyn.  
 Knot, F. C. 4 c      1 W. 72  
 Knowles, F. T. *gr ed*      Bellerose N.Y.  
 Knowlton, A. B. † *nm pa*      423 W. 118  
 Knox, E. M. † 4 *ed*      503 W. 121  
 Knox, J. P. 3 c      422 E. 144  
 Knox, L. W. 2 c      558 W. 113  
 Knox, M. L. † *nm ed*      2 W. 83  
 Koch, A. † 4 *pa*      Whittier  
 Koch, E. † 1 b      229 Fifth ave., Bklyn.  
 Koch, M. † 3 b      17 Bergen Pl., Jamaica  
 Koenig, H. † 2 b      271 Carroll, Bklyn.  
 Koenig, M. † *gr*      121 Cannon  
 Koerner, S. † 1 b      340 E. 15  
 Kohler, E. † *nm ed*      47 Claremont ave.  
 Kohn, A. Z. a      305 W. 111  
 Kohn, C. † 4 b      107 W. 120  
 Kohn, J. 3 m      107 W. 120  
 Kohn, R. I. 1 c      122 E. 58  
 Kohnstamm, M. E. † 1 b      611 W. 114  
 Kohout, O. *phar*      449 E. 78  
 Koide, H. *sp s*      523 W. 121  
 Komisaruk, S. *phar*      56 Ave. B  
 Konarski, F. M. a      370 W. 120  
 Konnerth, R. *phar*      119 E. 88  
 Konovitz, L. M. † *sp b*      749 Jennings  
 Koonce, B. E. † *gr ed*      510 W. 124  
 Koons, D. R. 2 l      Hartley  
 Kopald, H. G. 3 l      Furnald  
 Koplik, D. M. 1 c      50 W. 77  
 Koplin, L. *nm l*      Livingston  
 Kopp, L. D. † 4 *pa*      Whittier  
 Korkus, E. F. 3 c      193 Tompkins ave., Bklyn.  
 Korn, S. H. *gr ed*  
     97 Saratoga ave., Yonkers  
 Kornstadt, E. S. 4 c      1229 Park ave.  
 Korobow, A. 1 *pa* 248 Union ave., Bklyn.  
 Kosakevitz, L. *phar*  
     2323 Westchester ave.  
 Kosky, S. B. † 1 *pa*  
     42 Yonkers ave., Yonkers  
 Koster, L. † 1 b Waldo ave., White Plains  
 Kottman, W. A. *gr ed*  
     205 Edgcombe ave.  
 Kowarsky, L. 2 c      713 Lafayette ave., Bklyn.  
 Kraeling, C. H. 2 c 132 Henry, Bklyn.  
 Kraeling, E. G. H. † *gr* 132 Henry, Bklyn.  
 Kraft, R. L. 1 c 5004 Third ave., Bklyn.  
 Kramer, J. L. *phar* 566 Prospect ave.  
 Kramer, R. 2 m      1919 Seventh ave.  
 Kramer, S. D. *gr*  
     1653 St. Marks ave., Bklyn.  
 Krandle, H. M. 4 c 435 Sackman, Bklyn.  
 Kranowitz, W. C. 2 j      Hartley  
 Krasnoff, G. 1 c      409 Rodney, Bklyn.  
 Krasnow, F. † 3 b      46 S. 9, Bklyn.  
 Kraus, D. 2 l      1452 Second ave.  
 Kraus, E. 3 s      77 W. 85  
 Kraus, S. M. *sp s*      Hotel Astor  
 Krause, G. † 3 b      260 W. 72  
 Krauter, E. † *nm ed*      Glen Ridge, N. J.  
 Kravitz, A. S. *gr*      1352 Clinton ave.  
 Krellenstein, † *gr ed*      973 Trinity ave.  
 Kress, J. C. 1 l      Furnald  
 Kretschmar, R. G. 1 c      49 W. 86  
 Kretzmer, J. L. 3 s      552 W. 184  
 Kreutzer, L. G. 2 c 1838 Gleason ave.  
 Kreykenbohm, C. † *gr ed*  
     7 Wallace ave., Mt Vernon  
 Kreykenbohm, D. † *nm ed*  
     7 Wallace ave., Mt. Vernon  
 Krinke, C. J. *phar* 1704 Lexington ave.  
 Krinowsky, D. G. *gr*      186 Lenox ave.  
 Krno, J. M. 3 s 696 Bedford ave., Bklyn.  
 Kroeber, E. † *gr ed*      151 W. 80

- Krolfner, M. D. † *gr* 57 W. 124  
 Kroll, R. B. 4 *c* Livingston  
 Krosner, C. *phar* 33 Market  
 Krulwich, M. L. 4 *c* 416 W. 122  
 Krutch, J. W. *gr* Fernald  
 Kuchar, J. J. 4 *s* 341 E. 73  
 Kudlich, L. H. † 3 *pa* Whittier  
 Kudo, R. *nm gr*  
 Kuhn, R. I. 4 *m* 248 Audubon ave.  
 Kümmerle, H. M. *gr ed* 538 E. 142  
 Kümmerle, K. E. † *gr* 538 E. 142  
 Kunhardt, K. 2 *c* 124 W. 74  
 Kupec, W. J. 1 *s* 508 E. 78  
 Kupfer, E. M. † *gr* 44 W. 97  
 Kupfer, M. P. 4 *c* 71 E. 96  
 Kupfer, W. S. *gr* 171 Madison ave.  
 Kupferstein, J. T. 4 *s* 8661 Bay 36, Bklyn.  
 Kurtz, J. 3 *c* 299 S. 2, Bklyn.  
 Kurtz, L. *gr ed* 1537 Fulton ave.  
 Kurz, M. *gr* 857 Beck  
 Kurzrok, R. 2 *c* 1520 Union, Bklyn.  
 Kuster, A. *phar* 234 E. 33  
 Kuttner, A. G. † *gr ed* 567 W. 113  
 Kuykendall, C. P. 2 *c* Fernald  
 Kuykendall, R. B. 2 *l* Fernald  
 Kwong, H. K. 4 *j* 510 W. 124  
 La Barre, N. E. 2 *c* 618 W. 113  
 Labovitz, N. 2 *m* 318 W. 56  
 La Corte, S. F. 3 *l* 623 Third ave., Elizabeth  
 Lacy, W. N. *gr ed* 501 W. 122  
 Lady, C. H. 4 *c*  
 La Force, L. † *nm pa* Woodhaven  
 La Fountain, M. A. † 3 *b* 397 Park. Hackensack  
 Lagemann, A. E. † *nm b* Hotel Ansonia  
 Lahey, R. W. 2 *c* 538 W. 114  
 Lahey, T. A. 2 *j* 20 City Hall Pl.  
 Lahiff, A. T. † 1 *b* 201 W. 106  
 Laird, G. 1 *c* 318 W. 55  
 Laird, J. A. 2 *l* 14 Mt. Morris Pk. West  
 Lake, E. C. 1 *l* Livingston  
 Lamb, A. † 3 *pa* Whittier  
 Lamb, H. A. 4 *c* 434 Riverside Dr.  
 Lambert, C. † 1 *b* 225 Rich ave., Mt. Vernon  
 Lambert, N. D. 4 *s* 295 Wyona, Bklyn.  
 Lambert, P. G. 1 *j* Fernald  
 Lambert, V. C. † *gr* 621 W. 135  
 Lamont, J. W. 1 *pa* 18-3rd Pl., Bklyn.  
 Lamothe, A. P. † *gr ed* 132 E. 87  
 Lamprecht, S. P. *gr* 600 W. 122  
 Lamson, J. R. † 2 *pa* Whittier  
 Lamson, K. † *nm pa* Whittier  
 Land, M. L. † 3 *pa* 423 W. 118  
 Landau, M. 3 *s* Leonia  
 Landee, M. C. † 4 *pa* 106 Morningside Dr.  
 Landreth, H. A. † 2 *pa* Whittier  
 Landrine, M. † 4 *pa* Maywood, N. J.  
 Landsman, M. J. *gr* 140 W. 111  
 Landsman, S. M. *phar* 235 Henry  
 Landwehr, D. † *nm pa* Carll ave., Babylon  
 Lane, E. E. † *gr* 135 E. 52  
 Lane, L. 1 *l* 90 Milton, Bklyn.  
 Lane, L. B. 1 *c* Clinton & Prospect aves.,  
 New Brighton  
 Lane, L. B. 3 *s* 540 W. 113  
 Lang, C. C. 1 *c* Fernald  
 Lang, F. R. *gr* Livingston  
 Lang, J. 1 *c* 185 Hemlock, Bklyn.  
 Langdon, A. C. † 3 *pa*  
 Langdon, M. 1 *c* 719 Fifth ave.  
 Langdon, M. G. † *gr* Hudson Terrace, Englewood Cliffs  
 Lange, H. W. 2 *c* 2 Chester ave., White Plains  
 Langley, H. W. 2 *l* 627 W. 115  
 Langthorn, J. S., Jr. 2 *c* Hartley  
 Lanning, I. M. † *gr ed* 419 W. 119  
 Lantz, H. † 3 *pa* 519 W. 121  
 Lanza, J. N. *phar* 203 Prince  
 Lanzetta, J. J. 3 *s* 318 E. 116  
 Lapat, M. *sp m* 827 Union ave.  
 Lapensky, S. A. 1 *c* 623 E. 178  
 Lapkin, N. 1 *c* 581 Beck  
 Lapolla, M. S. 2 *c* 29 W. 129  
 Larkin, J. L. † *nm ed* 114 Morningside Dr.  
 Larossa, E. *phar* 230 Mott  
 Larremore, T. A. 3 *l* 324 W. 103  
 Larrison, E. H. *phar* 115 W. 68  
 Larshis, G. C. † 3 *pa* 523-10 Bklyn.  
 Larson, C. G. *phar* 207 Chestnut  
 Larson, C. W. *gr* 434 W. 120  
 Larson, H. G. 1 *c* 226 W. 78  
 Lasalle, A. † *sp b* Belnord Apts.  
 La Salle, D. M. † 3 *pa* 612 W. 115  
 Lasher, J. K., Jr. 3 *l* 627 W. 115  
 Lasker, L. D. † *gr* Hotel Netherlands  
 Lasswell, A. C. *nm ed* 408-7th, Bklyn.  
 Latane, B. A. † *gr* 519 W. 121  
 Latham, M. L. † *gr* 512 W. 123  
 Lathrop, A. S. 2 *c* 558 W. 113  
 Lathrop, B. S. † 3 *pa* 417 W. 121  
 Latimer, M. R. † *gr* 26 Jones  
 Latkin, S. *nm l* Livingston  
 Latour, C. 2 *c* 1321 Franklin ave.  
 Latson, A. L. † *nm pa* Whittier  
 Lattin, L. † *gr ed* Whittier  
 Lattman, I. *phar* 1493 Madison ave.  
 Lattman, J. 3 *m* 1493 Madison ave.  
 Lattman, M. *phar* 1493 Madison ave.  
 Latzer, I. A. † *gr ed* Whittier  
 Lau, W. M. *nm gr* Fernald  
 Laub, C. 2 *pa* 119 Rogers ave., Bklyn.



Laube, H. D. *nm l*  
26 Madison ave., Jersey City  
Lauder, M. C. † 4 *pa*  
106 Morningside Dr.  
Lauer, M. I. † 1 *pa* 37 E. 72  
Law, D. E. 2 *m* 346 W. 57  
Lawler, J. R. 3 *s* 627 W. 113  
Lawler, L. R. † *gr* 106 Morningside Dr.  
Lawless, A. C., † *gr ed*  
1246 Flatbush ave., Bklyn.  
Lawlor, G. † *nm ed*  
9-5th, Elizabeth, N. J.  
Lawrence, E. L. † *nm ed* Westwood, N. J.  
Lawrence, F. *nm ed* Hartley  
Lawrence, G. W. *gr* 600 W. 122  
Lawrence, M. M., † *nm ed* 509 W. 121  
Lawrence, R. † 3 *b*  
599 Bedford ave., Bklyn.  
Lawton, L. H. S. † 3 *pa* 512 W. 123  
Lawton, M. F. *gr* 2255-83rd, Bklyn.  
Lawton, S. U. 1 *m* 579 W. 177  
Lawyer, F. S. † *gr ed*  
30 Odell ave., Yonkers  
Lax, H. *gr* 629-5th  
Layers, M. G. † *gr* Whittier  
Layman, P. C. † *gr*  
Lazarus, E. M. *gr ed* 633 W. 115  
Lazarus, I. † *nm ed* 915 Prospect ave.  
Lazarus, J. A. 3 *m* 75 E. 119  
Lazerson, M. 2 *m* 236 E. 33  
Leary, D. B. *gr ed* 90 Morningside ave.  
Leary, F. P. *gr* 766 E. 25, Paterson  
Leary, J. 1 *c* 37 E. 49  
Leary, W. D. 4 *j* 36 W. 97  
Leavitt, P. 1 *c* 129 W. 88  
Le Count, A. † *gr ed*  
29 Lafayette, New Rochelle  
Leddell, A. F. † *sp b*  
Leder, I. 2 *c* 98 Essex  
Lederman, M. † 3 *b* 640 Riverside Dr.  
Leding, R. H. 3 *c*  
59 Union, Ridgewood  
Lee, C. Y. *nm gr* 500 W. 122  
Lee, D. W. 1 *c* 430 W. 118  
Lee, E. † 2 *pa* 456 W. 141  
Lee, E. A. *gr ed* 510 W. 123  
Lee, F. P. 1 *l*  
38 Donaldson ave., Rutherford  
Lee, H. R. *a* 551 West End ave.  
Lee, J. C., Jr. 4 *c* 248 W. 127  
Lee, K. *gr* 175 Ninth ave.  
Lee, L. † 1 *b* Brooks  
Lee, L. *phar* 165 W. 34  
Lee, M. † 4 *b* 53 Bayard  
Lee, T. L. *sp s* 136 W. 109  
Lee-Bron, H. *gr* 1105 Amsterdam ave.  
Leede, H. E. H. 3 *c*  
201 Madison ave., Tompkinsville  
Leeming, E. M. † *gr* 467 E. 28, Bklyn.

Leerburger, A. B. 1 *c*  
320 Central Pk. West  
Leerburger, B. A. 2 *c*  
320 Central Pk. West  
Leet, D. † 3 *b* 409 W. 129  
Leet, H. † 3 *b* 409 W. 129  
Leet, R. † 4 *pa* 144 W. 93  
Leeth, A. † *nm pa* Whittier  
Le Fevre, D. *gr* 600 W. 122  
Le Fevre, G. M. † *gr ed* 419 W. 119  
Lefferts, G. 2 *l* 39 W. 55  
Leffingwell, E. T. † 2 *pa* Whittier  
Leffingwell, G. W. † *gr* 523 W. 121  
Lefler, M. R. *nm ed*  
114 Kearney ave., Perth Amboy  
Leger, S. H. *gr ed* 600 W. 122  
Leggett, J. D. *gr*  
148 Arnold, New Brighton  
Leggett, T. H., Jr. 4 *m* 437 W. 59  
Lehman, E. 2 *m* 611 W. 158  
Lehman, F. N. *phar* Tottenville  
Lehman, H. 2 *c* 1919 Seventh ave.  
Lehman, R. A. *phar* Tottenville  
Leichliter, C. S. † 1 *pa*  
52 Bleecker, Newark  
Leifer, M. *phar* 417 E. 5  
Leighton, F. T. *sp s* Furnald  
Leighton, L. E. 2 *c* North Pelham  
Lein, P. *phar*  
557 Palisade ave., Jersey City  
Leinhan, M. M. † 4 *pa* Laurel Hill  
Leiper, H. S. *gr* 620 W. 122  
Leland, A. P. † *gr ed* 420 W. 20  
Leland, F. K. *gr* 103 Waverly Pl.  
Leman, G. W. *gr ed* 55 Park Pl., Bklyn.  
Lembo, J. C. *phar*  
563 Onderdonk ave., Bklyn.  
Lemelson, J. 1 *m* 666 Bay, Stapleton  
Lemkan, J. H. *gr* 320 E. 55  
Lemmon, E. G. *nm c* Furnald  
Lemmon, W. S. 3 *s* 319 W. 94  
Lemon, E. † 4 *pa* Whittier  
Lemon, W. P. *gr*  
38 Elizabeth ave., Newark  
Lena, F. T. *gr*  
78 Hamilton ave., Yonkers  
Lenney, J. J. *gr* 619 W. 127  
Lennon, F. † 1 *b*  
S. Broadway, Hastings-on-Hudson  
Lennon, M. † 3 *b*  
S. Broadway, Hastings-on-Hudson  
Lent, H. D., Jr. 2 *l*  
Sagamore Rd., Tuckahoe  
Lent, M. † 2 *b*  
199 N. Broadway, Yonkers  
Leonard, A. M. † 4 *pa* Whittier  
Leonard, C. † 1 *pa* Whittier  
Leonard, C. F. 2 *l* 35 Murray, Flushing  
Leonard, E. † 3 *pa* Whittier

- Leorardo, R. A. 1 *m* 333 W. 58  
 Leppe, A. A. *gr ed* 700 W. 178  
 Lerner, A. *phar* 34 Osborn, Bklyn.  
 Leshensky, H. W. 3 *s* 306 E. 119  
 Leshner, R. A. *gr* Furnald  
 Lesker, T. *† gr* Rye  
 Leslie, E. *† gr* 413 W. 46  
 Le Sourd, H. M. *gr ed* 600 W. 122  
 Lessing, E. *† gr* 1925 Andrews ave.  
 Lester, C. W. 2 *m* 421 W. 57  
 Letts, I. L. 2 *l* 535 W. 111  
 Leuch, E. A. *† nm ed* 64 Downing  
 Leuchs, M. J. *gr ed* 1132 Clay ave.  
 Leung, P. 2 *c* Hartley  
 Leve, H. R. 2 *m* 1594 Eastern Parkway, Bklyn.  
 Leve, M. *† 1 b* 490 West End ave.  
 Levenkind, P. *† gr* 122 Middleton, Bklyn.  
 Levenson, L. F. 1 *j* Hotel McAlpin  
 Levi, G. S. 1 *c* 297 Decatur, Bklyn.  
 Levie, M. J. 3 *c* 740 West End ave.  
 Levin, H. 3 *c* 41 Main, Yonkers  
 Levin, I. H. 4 *ed* 512 W. 135  
 Levin, J. *phar* 77 Avenue C  
 Levin, J. J. 3 *c* 115 W. 114  
 Levin, M. *phar* 115 W. 68  
 Levine, B. W. *phar* 489 Boulevard, Long Island City  
 Levine, H. *gr ed* 1209 President, Bklyn.  
 Levine, H. P. *gr* 344 Christopher ave., Bklyn.  
 Levine, I. B. 1 *l* 456 Marcy ave., Bklyn.  
 Levine, J. 3 *c* 255 Liberty ave., Bklyn.  
 Levine, M. 3 *c* 48 Academy, Long Island City  
 Levine, M. H. 2 *m* 9 E. 107  
 Levine, S. *† gr* 1026 Hoe ave.  
 Le Vino, R. *† 1 b* 519 W. 143  
 Levinsky, A. 4 *c* 74 W. 119  
 Levinson, B. A. *phar* 1665 Tenth ave., Bklyn.  
 Levinson, D. D. 3 *l* 285 St. Nicholas ave.  
 Levinson, E. F. *† gr ed* Park Hill, Yonkers  
 Levinson, G. M. *gr ed* 221 E. Broadway  
 Levinson, I. J. *phar* 637-10, Bklyn.  
 Levisohn, E. 1 *l* 547 W. 147  
 Levison, M. *† 2 b* 980 Fox  
 Levitt, M. D. 2 *c* 946 Leggett ave.  
 Levitt, W. M. *phar* 141 Division  
 Levy, E. *† sp b* 52 E. 87  
 Levy, E. 1 *c* 339 E. 75  
 Levy, E. L. *† gr* 52 E. 87  
 Levy, H. A. *gr* 607 Water  
 Levy, I. *phar* 83 Norfolk  
 Levy, J., Jr. *a* 397 S. 2, Bklyn.  
 Levy, J. I. 3 *s* 679 Ave. C, Bayonne  
 Levy, L. *gr ed* 178-2nd  
 Levy, M. *† 2 b* 1335 Madison ave.  
 Levy, M. F. 3 *c* 709 Bushwick ave., Bklyn.  
 Levy, T. *† 3 b* 1472 Bryant ave.  
 Lew, T. T. *gr ed* 600 W. 122  
 Lewin, G. J. 3 *s* 817 West End ave.  
 Lewin, S. *† 3 b* 1318-55th, Bklyn.  
 Lewin, W. *gr* 107 Littleton ave., Newark  
 Lewinson, M. *† 2 b* 3304 Hull ave.  
 Lewis, C. *† 1 b* 519 W. 121  
 Lewis, D. R. *† gr* 101 E. 92  
 Lewis, E. *† 3 b* 664 E. 160  
 Lewis, E. L. *† 2 b* 430 Cumberland, Bklyn.  
 Lewis, E. L. *† gr* 44 Essex, Bklyn.  
 Lewis, E. S. *† nm ed* 527 W. 143  
 Lewis, I. B. *† gr ed* 519 W. 121  
 Lewis, Jr. J. C. *gr ed* Briarcliff Manor  
 Lewis, J. C. *gr ed* Briarcliff Manor  
 Lewis, K. M. 3 *c* Short Hills, N. J.  
 Lewis, M. R. *† gr* Whittier  
 Lewis, N. *† gr ed* 420 W. 121  
 Lewis, N. *† gr* 519 W. 123  
 Lewis, R. *gr* Furnald  
 Lewis, S. C. *nm l* 1 W. 64  
 Lewis, W. A. *† 1 b* 118 W. 76  
 Lewy, R. *† 1 b* 40 E. 83  
 Leys, D. W. 2 *c* 565 W. 113  
 Liander, W. *† 1 b* 154 W. 84  
 Liang, C. T. *gr* Hartley  
 Liberman, B. *† 1 pa* 352 W. 46  
 Libert, M. *† 3 pa* 418 W. 118  
 Liberthson, L. 3 *s* 110 Riverdale ave., Yonkers  
 Liccione, I. J. *† 1 b* 101 Mt. Vernon ave., Mt. Vernon  
 Liccione, W. T. M. 1 *m* 101 Mt. Vernon ave., Mt. Vernon  
 Licht, I. J. *gr* 689 De Kalb ave., Bklyn.  
 Lichtenberg, J. *gr ed* 1752 Eastbun ave.  
 Lichtenstein, A. 3 *c* 929 West End ave.  
 Lichtenstein, A. S. 2 *c* Hotel Ansonia  
 Lichtenstein, H. R. *gr ed* 68 W. 113  
 Lichtenstein, J. V. *† 3 b* Brooks  
 Lichterman, D. *† gr ed* 860 E. 161  
 Liddell, A. F. *† sp b* 149 W. 12  
 Lieb, M. *gr* 568 Grand  
 Lieberman, M. *gr* 977 Second ave.  
 Lieberman, S. H. 2 *c* 81 Chrystie  
 Lieberman, M. L. *phar* 881 Fox  
 Liebmann, A. *gr* 525 Park ave.  
 Liebmann, A. W. *† gr* 525 Park ave.  
 Liefenthal, E. H. *† gr* 59 E. 80  
 Liftman, E. F. *gr ed* 903 Whitlock ave.  
 Light, A. F. *† nm pa* 426 E. 26  
 Light, R. *nm ed* 118 Tuers ave., Jersey City  
 Linchitz, J. 1 *c* 236 Penn. Bklyn.  
 Linck, T. A. *phar* 161 W. 64  
 Lind, E. *† 1 b* 71 E. 96

- Lindenbaum, A. 1 *m* 266 S. 9, Bklyn.  
 Lindh, G. C. † 3 *b* Brooks  
 Lindheim, I. L. † *nm gr* 29 W. 74  
 Lindholm, E. M. † 3 *pa* Whittier  
 Lindholm, P. *gr* 511 W. 122  
 Lindner, E. † 2 *pa* 250 W. 91  
 Lindsay, J. S. † *gr* 334 W. 47  
 Lindsay, M. † 4 *b* 235 E. 35  
 Lindsey, B. *gr ed*  
 523 Madison ave., Plainfield  
 Line, C. S. *phar* 115 W. 68  
 Linett, J. M. 3 *m*  
 25 Brooklyn ave., Bklyn.  
 Lingg, S. C. † *gr*  
 303 St. Pauls ave., Tompkinsville  
 Linn, J. S. *gr ed* Westfield, N. J.  
 Linn, R. V. 3 *ed* Whittier  
 Linsley, L. N. *sp s* 414 W. 121  
 Lint, T. 1 *c* 223 Hewes, Bklyn.  
 Linton, E. † *nm ed* Whittier  
 Lintz, J. 4 *m* 907 St. Marks ave., Bklyn.  
 Lipe, M. V. † *gr* 100 Morningside Dr.  
 Lipowsky, I. *phar* 115 W. 68  
 Lippe, A. A. *gr ed* 700 W. 178  
 Lippmann, R. K. 1 *c* 50 Central Pk. West  
 Lipschitz, E. *phar* 278 Madison  
 Lipsett, P. J. 4 *m* 36 W. 116  
 Lisberger, H. *phar* 4024 Fifth av., Bklyn.  
 Lisk, H. † *gr* 519 W. 121  
 Lissauer, F. † *nm pa* 68 E. 86  
 Lissauer, H. *gr* 99 Palisade ave., Yonkers  
 Litt, H. W. *phar* 279 E. 3  
 Littauer, E. V. 3 *c*  
 714 Bushwick ave., Bklyn.  
 Littell, F. L. † 3 *pa* 1631-42nd, Bklyn.  
 Little, E. *gr* 352 Lafayette ave., Bklyn.  
 Littlefield, A. L. 1 *l* Livingston  
 Liu, F. Y. † *gr ed* Whittier  
 Liu, T. T. 3 *c* Hartley  
 Livermore, M. J. † 4 *pa*  
 Rochelle Park, New Rochelle  
 Livermore, R. B. 1 *l*  
 144 Park ave., Yonkers  
 Livingston, C. H. † 3 *pa*  
 253 Park ave., Orange  
 Livingston, E. † 1 *pa* Englewood  
 Livingston, R. † 2 *b* 321 W. 92  
 Livingston, W. S., Jr. *sp s*  
 1264 Amsterdam ave.  
 Livoti, J. *phar* 19 Kenmare  
 Lloyd, D. A. † 2 *pa* 111 Manhattan ave.  
 Lobeck, A. K. *gr* Furnald  
 Lobel, A. 1 *c* 377 Edgecombe ave.  
 Lobsenz, M. 2 *c* 104 Lenox ave., Passaic  
 Lobsenz, M. † 4 *ed* 233 W. 122  
 Lockey, J. B. *gr* Furnald  
 Lockhart, G. † 1 *b* 64 Elliott av., Yonkers  
 Lockhart, L. M. † *gr* Scarsdale  
 Lockwood, B. † *nm pa*  
 Lockwood, H. D. *gr* 100 Morningside Dr.  
 Lockwood, P. † *gr ed* 550 Park ave.  
 Loeb, A. M. 4 *c* 616 W. 114  
 Loeb, E. † *gr ed* 423 W. 120  
 Loeb, J. † *nm ed* 423 W. 120  
 Loeb, S. † *gr ed* 423 W. 120  
 Loebble, T. M. † *nm pa* 758 Prospect ave.  
 Loesch, H. G. 3 *s* 1931 Linden, Bklyn.  
 Loescher, F. E. *a* 370 W. 120  
 Logan, C. E. † *gr* Freeport  
 Logan, E. A. *sp s* 434 W. 120  
 Loiseaux, R. L. 2 *c* 519 W. 121  
 Lombardi, A. *a* 168 Lenox ave.  
 Londner, I. J. *phar* 231 E. 99  
 Long, A. B. † *nm ed* 106 Morningside Dr.  
 Long, B. F. *nm ed* Englewood  
 Long, G. M. † *gr*  
 121 N. Maple ave., East Orange  
 Long (Sister Paul) † *phar* 140 W. 61  
 Long, S. V. † *gr* 612 W. 112  
 Longaker, A. † 2 *b* Brooks  
 Longley, G. † *nm pa*  
 106 Morningside Dr.  
 Lonigan, M. E. † 4 *b*  
 185 Prospect Park West Bklyn.  
 Looby, T. † *nm ed* Oyster Bay  
 Look, H. W. 3 *s* Hartley  
 Loomis, B. T. 1 *m* 359 W. 56  
 Loomis, C. D. † *gr ed* 511 W. 122  
 Loomis, J. U. 1 *l* 200 W. 79  
 Looram, L. A. 2 *c*  
 Davenport Neck, New Rochelle  
 Lopes, D. *nm c* 609 W. 137  
 Loram, C. T. *gr ed* 535 W. 112  
 Lord, G. de F. 2 *l* 383 Park ave.  
 Lord, M. † 1 *pa* 425 W. 114  
 Lord, M. W. † 4 *pa* 620 W. 122  
 Lorentz, M. M. *gr ed*  
 596 Monroe, Bklyn.  
 Lorenz, A. 1 *c* 31 W. 129  
 Lorenz, C. R. † 4 *b* 482 Central Pk. West  
 Lorenz, K. *nm l* 420 W. 116  
 Lorenz, R. H. 3 *c* 168 W. 81  
 Lorsch, E. C. † *gr* 144 W. 86  
 Losak, W. *phar* 162 E. 106  
 Loscalzo, H. P. *phar* 12 W. 56  
 Loser, P. *gr ed* Bay Shore, N. Y.  
 Loth, S. E. † *gr* 119 W. 74  
 Lott, J. M. 1 *c*  
 Shore Rd. and MacKay Pl., Bklyn.  
 Lott, M. C. † 3 *b*  
 99 Hardenbrook ave., Jamaica  
 Lotz, E. † *gr ed* 121 Weirfield, Bklyn.  
 Louria, H. W. 4 *c* 249 Hewes, Bklyn.  
 Louria, M. R. 1 *c* 249 Hewes, Bklyn.  
 Loutski, R. 3 *c* 47 Harrison ave., Bklyn.  
 Love, A. † 3 *pa* Whittier  
 Love, N. H. † *nm ed* 400 W. 118  
 Lovejoy, C. E. 3 *j* 536 W. 114

- Lovell, E. † *nm ed*  
     64 Poplar ave., Hackensack  
 Lovett, A. S., Jr. *gr* 610 W. 116  
 Lovich, M. *nm c* Hartley  
 Lovsnes, M. † *nm ed* Whittier  
 Low, F. *gr* Fernald  
 Low, M. † 2 *pa* 37 Halsey, Bklyn.  
 Lowenberg, W. A. 2 *c* 403 W. 115  
 Lowenstein, E. † 1 *b* 46 W. 73  
 Lowenstein, G. A. *gr* 818 E. 163  
 Lowenstein, I. † 1 *pa* Whittier  
 Lowitz, A. † *nm ed* 42 Orleans, Newark  
 Lowndes, B. † 3 *b*  
     19 Wallace ave., Mt. Vernon  
 Lownhaupt, E. † 1 *b* 4 Everett ave.,  
     Ossining, N. Y.  
 Lownsbery, E. L. † *gr* 135 E. 52  
 Lowrey, L. T. *gr* Livingston  
 Lowenstein, J. L. † *gr ed* 419 W. 119  
 Loyhed, L. D. † *gr* Brooks  
 Lu, S. Y. 2 *c* Fernald  
 Lubman, H. *phar* 993 Union ave.  
 Luby, W. F. *gr ed*  
     Newman School, Hackensack  
 Lucas, H. *gr ed*  
 Luce, A. H. † *sp b* 132 W. 79  
 Luce, H., Jr. 2 *m*  
     97 Sound ave., Riverhead, N. Y.  
 Luce, M. P. † *nm b* 4 E. 52  
 Luce, R. W. 2 *j* 536 W. 114  
 Lucey, D. C. *nm pa* 129 Sherman ave.  
 Lucey, J. † *nm pa* 2550 Bainbridge ave.  
 Lucey, L. † 4 *b* Brooks  
 Luckings, A. P. † 3 *b* 851 Amsterdam av.  
 Luft, H. L. *gr ed*  
     1012 Manhattan ave., Bklyn.  
 Lugar, C. V. † 3 *pa* 542 E. 79  
 Luke, G. C. 1 *j* 419 W. 115  
 Luken, O. H. *gr* Hartley  
 Lunger, C. V. † 4 *pa* Whittier  
 Lunt, F. S. *gr ed* 529 W. 124  
 Lusskin, H. 1 *m* 1015 E. 156  
 Lustgarten, A. † *gr* 973 Gates av., Bklyn.  
 Lutz, C. S. † *gr* 401 W. 118  
 Luyder, M. † 1 *b* 99 Claremont ave.  
 Lydecker, D. † 2 *b*  
     228 Grand ave., Englewood  
 Lyle, B. W. † *gr* 419 W. 119  
 Lynch, H. † *nm pa*  
     110 Morningside Dr.  
 Lynch, J. A., Jr. 3 *m* 250 Willis ave.  
 Lynch, L. V. † *gr ed* 420 W. 118  
 Lyon, J. H. H. *gr* 423 W. 118  
 Lyons, L. V. 3 *m* 317 W. 92  
 McAbee, R. B. *nm l* 157½ E. 125  
 McAdory, M. † 1 *pa* 514 W. 122  
 McAllister, C. E. *gr* 175 Ninth ave.  
 McAllister, J. N. *gr ed* 1116 Hoe ave.  
 McAllister, M. H. † 3 *pa* Whittier  
 McAndrew, H. 2 *l*  
     134 Prospect ave., Mamaroneck  
 McArdell, W. E. *nm ed* 424 W. 120  
 McArdle, J. P. *nm l* 104-72nd, Bklyn.  
 McBain, R. A. *nm l* 150 W. 74  
 McBride, A. C. † *gr* 501 W. 121  
 McBride, B. M. *gr*  
     130 Clifton Pl., Jersey City  
 McBride, W. A. *phar* 115 W. 68  
 McBride, W. J. *phar* 73 W. 101  
 McCabe, A. S. 1 *c* 616 W. 113  
 McCabe, C. E. † *gr* 7 Sutton Pl.  
 McCabe, J. D. 1 *c* 712 W. 180  
 McCabe, S. P. 3 *c*  
     65 Leighton ave., Yonkers  
 McCaffrey, M. † 1 *b* 106 Morningside Dr.  
 McCall, W. A. *gr ed* 525 W. 120  
 McCallum, K. L. 4 *c* 429 W. 117  
 McCarthy, A. E. † 4 *pa* 420 W. 116  
 McCarthy, M. I. † *gr* 212 E. 70  
 McCarty, A. † *nm ed*  
     27 La Count Pl., New Rochelle  
 McCaw, G. L. † *gr* 430 W. 118  
 McClane, W. E. *phar* Richmond Hill  
 McClees, H. † *gr* 90 Morningside Dr.  
 McClellan, B. B. *nm pa*  
     280 Lafayette, Passaic  
 McCloskey, C. G. *phar*  
     304 Varick, Jersey City  
 McClure, E. G. † *gr ed* 24 W. 12  
 McClure, H. † *gr ed* 1987 Morris ave.  
 McClure, H. B. † *gr* 600 W. 113  
 McClure, M. † *nm pa* Whittier  
 McCollins, B. † *nm ed* 522 W. 136  
 McComb, D. Q. *gr* 612 W. 147  
 McConoughey, A. M. † *gr* 135 E. 52  
 McCormack, J. P. *gr* 589 E. 165  
 McCormick, B. B. 2 *l* 247 Fifth ave.  
 McCormick, H. *nm j* Fernald  
 McCormick, M. G. † *gr* 525 W. 120  
 McCormick, P. J. *a* 237 E. 48  
 McCormick, T. H. *gr* 1362 Fulton ave.  
 McCowan, G. † *nm pa* 7 W. 108  
 McCoy, W. A. 1 *m* 414 W. 149  
 McCracken, J. W. † *gr ed*  
     842 Lafayette ave., Bklyn.  
 McCracken, R. W. 4 *c*  
     482 Lafayette ave., Bklyn.  
 McCracken, T. E. 1 *c*  
     482 Lafayette ave., Bklyn.  
 McCreary, E. M. *gr*  
     216 Engle, Englewood  
 McCreary, S. F. 3 *c* 161 W. 86  
 McCrum, A. † *nm ed* 527 W. 121  
 McCully, E. † 3 *pa* 142 Carroll, Paterson  
 McCurdy, E. L. † *gr* 503 W. 121  
 McCurry, D. E. *gr* 2411 Grand ave.  
 McDaniel, L. † 1 *b*  
     552 Ocean ave., Patchogue N. Y.

McDermont, E. A. *gr* Livingston  
 McDermott (Sister Eva) *† gr* 225 W. 14  
 McDermott, M. *† gr ed* 519 W. 121  
 McDermott, W. 2 *c* Hartley  
 McDill, A. C. *nm ed* Furnald  
 McDowell, R. P. 3 *l* 627 W. 115  
 McElfish, R. C. *nm ed* 510 W. 124  
 McElhinny, J. J. 1 *l* 540 W. 143  
 McEntegart, C. *† 4 b* 358 W. 51  
 McEvoy, A. F. 2 *c* 370 W. 120  
 McEvoy, W. H. *phar* 1653-59, Bklyn.  
 McEwan, E. D. *† gr* 15 Arden  
 McEwen, R. S. *gr* Hartley  
 McFadden, J. L. *a* Hartley  
 McFarland, A. P. *a* Hotel Belmont  
 McFarland, G. B. 3 *m* 346 W. 57  
 McFarland, N. W. *† gr* 106 Morningside Dr.  
 McGarry, M. L. *† gr* 404-61st, Bklyn.  
 McGarvey, E., Jr. 2 *c* 178 Linden ave., Bklyn.  
 McGavock, E. *† 4 pa* Whittier  
 McGiffert, A. C., Jr. *gr* 606 W. 122  
 McGiffert, K. W. *† 3 b* 606 W. 122  
 McGovern, G. P. *† gr* 253 W. 24  
 McGowan, F. J. 1 *c* 3605 Broadway  
 McGowan, G. *† nm pa* 7 W. 108  
 McGowin, M. O. *† gr ed* 106 Morningside Dr.  
 McGrath, J. G. *† gr* 114 E. 117  
 McGrath, M. M. *† gr* 302 Jefferson ave., Bklyn.  
 McGraw, A. B. 1 *m* Vanderbilt ave. & 44  
 McGraw, M. *† 4 pa* Whittier  
 McGuckin, M. *† nm b* 165 Park ave., Orange  
 McIlhiney, D. W. 1 *c* Hartley  
 McInerney, J. E. *nm j* 202 E. 76  
 McIntire, R. C. *† gr* 414 W. 121  
 McIntosh, M. F. *† gr* 415 W. 115  
 McIntosh, R. E. 3 *s* 616 W. 131  
 McKean, H. A. *gr ed* 515 W. 122  
 McKee, H. *gr* 374 Wadsworth ave.  
 McKee, H. E. *† gr* 417 W. 121  
 McKeehan, F. *nm ed* 520 W. 123  
 McKelvey, J. *† 4 pa* 305 Webster ave., Jersey City  
 McKelvey, R. *† 4 b* Spuyten Duyvil  
 McKenna, V. V. 3 *s* 538 W. 114  
 McKeon, J. W. 3 *c* 112 Fulton ave., Astoria  
 McKeown, M. J. *† gr ed* 549 Riverside Dr.  
 McKim, R. R. 2 *c* 612 W. 116  
 McKinless, R. 2 *c* 565 W. 113  
 McKinney, G. D. 3 *j* Furnald  
 McKinnon, H. R. *nm l* Hastings-on-Hudson  
 McKown, J., Jr. 2 *l* Livingston

McLaughlin, I. C. *† gr* 2355 Grand Concourse  
 McLaughlin, L. A. *† gr* 1373 Fulton ave.  
 McLean, E. *† 2 b* 445 W. 21  
 McLean, M. *† nm ed* 30 Evergreen Pl., East Orange  
 McLean, N. *† nm pa* 420 W. 116  
 McLean, O. C. 3 *l* 419 W. 118  
 McLeod, W. J. *gr* 600 W. 122  
 McLester, A. *† 4 ed* Whittier  
 McLouth, F. E. *† nm ed* 501 W. 121  
 McMackie, F. J. *gr* 522 W. 123  
 McMahon, H. A. *nm c*  
 McMillan, A. *† nm pa* 525 W. 120  
 McMillan, R. L. 2 *l* 418 W. 118  
 McNamara, J. G. *nm l* 312 W. 111  
 McNaughton, J. *† nm ed* Whittier  
 McNeil, E. C. 2 *l* 476 Clinton av., Bklyn.  
 McNeile, H. J. 4 *m* 68 Patchen ave., Bklyn.  
 McQuaid, J. L. *† gr ed*  
 McQuillen, P. W. 3 *l* 119 High, Passaic  
 McRoy, J. T. *nm gr* 600 W. 115  
 McVickar, P. B. *† nm b* Morristown  
 McWilliams, E. *† 3 pa* 77 Passaic ave., Garfield, N. J.  
 McWilliams, T. S. *gr ed* 49 W. 44  
 Ma, K. S. 1 *l* 404 W. 116  
 Ma, M. *gr ed*  
 Maass, H. H. 3 *s* 252 Greene ave., Bklyn.  
 MacAdams, H. *phar* Metuchen N. J.  
 MacBrair, L. *nm c* 540 W. 113  
 MacCarthy, T. G. 3 *s* 616 W. 113  
 MacCauley, E. *† gr* 419 W. 118  
 MacCormick, A. H. *gr ed* Livingston  
 MacDonald, C. C. *nm ed* Lawrence N.Y.  
 MacDonald, J. C. *gr* 600 W. 122  
 Macdonald, W. *gr* 600 W. 122  
 MacFadden, H. E. *† 2 pa* Whittier  
 Macfarlane, J. *† 1 b* 4½ Martens Pl., Mt. Vernon  
 MacGowan, J. R. *gr ed* 537 W. 121  
 MacGuidwin, A. *† 4 pa* 106 E. 86  
 Machacek, G. F. 2 *c* Woolsey and Second aves., Astoria  
 MacIntyre, J. *† 3 pa* 106 Morningside Dr.  
 Mack, E. *† 2 b* 547 West End ave.  
 Mack, I. *† 2 pa* 200 W. 109  
 MacKain, W. H. 1 *c* 619 W. 113  
 Mackay, D. S., Jr. *gr* 600 W. 122  
 Mackay, G. *† nm ed* 315 W. 97  
 Mackenzie, D. 2 *l* 37 S. Parsons ave., Flushing  
 Mackey, M. *† 2 b* Fieldston Rd. & 253  
 Mackinnon, M. C. *gr* 200 W. 126  
 Macklin, E. C. *gr* 600 W. 122  
 Macksey, K. W. 2 *c* 47 S. Clinton, East Orange

- MacLachlan, H. † 1 b  
87 N. Broadway, Yonkers
- MacLachlan, H. J. 2 l  
87 N. Broadway, Yonkers
- MacLaire, A. S. 2 m 347 E. 87
- MacLean, C. † nm pa 527 W. 123
- MacLeod, G. † gr ed  
177 Emerson Pl., Bklyn.
- MacLeod, W. J. gr 600 W. 122
- MacMahon, T. J. 3 c 536 W. 114
- Macmillan, H. 3 s 558 W. 113
- Macmillan, H. M. † 2 pa  
176 Sterling Pl., Bklyn.
- MacNair, H. F. nm gr
- MacNair, K. R. 1 l Hartley
- Macomber, H. C. gr ed  
15 Legrand ave., Tarrytown
- MacRury, A. G. gr  
920 Salem Rd., Elizabeth
- MacRury, J. A. gr  
1432 Van Wicklen Pl., Woodhaven
- Madden, J. B. phar 271 W. 71
- Maddi, P. 1 pa 101 E. 84
- Maddock, H. † gr ed 419 W. 110
- Maddow, D. † 3 b 222 Monroe, Passaic
- Maddox, A. C. gr 411 W. 115
- Maddox, W. A. gr ed
- Madigan, C. C. † 2 b  
96 Sterling Pl., Bklyn.
- Maggio, M. A. phar 566 E. 187
- Magid, F. † 4 pa 1740 E. 19, Bklyn.
- Magna, C. H. Jr. 2 m  
186 Lenox Rd., Bklyn.
- Magnette, J., Jr. 4 m 437 W. 59
- Maher, M. gr ed 478 W. 159
- Mahler, P. 3 s 1254 Franklin ave.
- Mahneke, P. C. M. 1 b  
33 N. Washington Pl., Astoria
- Mahnken, H. J. 2 c 3098 Broadway
- Mahon, E. J. 4 c 435 W. 117
- Mahon, H. W. 4 m 1498 Bryant ave.
- Maidman, J. phar 425 E. 9
- Maislich, M. phar 2082 Prospect ave.
- Malcomson, E. B. 3 c  
63 Valley Rd., West Orange
- Malino, J. E. 2 l 1363 Stebbins ave.
- Malisoff, W. 1 s 574 Warwick, Bklyn.
- Mallon, E. † sp b Brooks
- Malone, J. R. 2 j Furnald
- Maltby, C. † 2 pa 106 Morningside Dr.
- Malzberg, B. gr 1761 Bathgate ave.
- Mamelok, L. 4 m 220 E. Broadway
- Man, E. † 2 b  
245 Church, Richmond Hill
- Mandel, B. E. † gr 524 Grand
- Mandel, E. gr ed 524 Grand
- Mandelbaum, M. R. 1 c  
131 Sumner ave., Bklyn.
- Mandell, A. J. E. 4 s 524 Grand
- Mandeville, S. E. 3 m 233 W. 128
- Mandl, M. M. gr  
Commercial High School, Bklyn.
- Mandryano, G. † nm ed 11 Dominick
- Manger, M. L. phar 335 E. 66
- Manges, H. S. 3 c 120 W. 86
- Mangiacapra, A. gr 63-2nd
- Mangum, R. L. 1 j 531 W. 124
- Manheim, S. 2 m  
95 Osborne Terrace, Newark
- Manheim, V. † nm ed  
847 St. Nicholas ave.
- Manion, W. J. gr ed 416 W. 118
- Manjoney, P. 4 m Hartley
- Manjoney, V. J. phar Hartley
- Mankiewicz, F. gr 1842 Seventh ave.
- Mankiewicz, H. J. 3 c 1842 Seventh ave.
- Mann, B. † 1 b  
32 Winfield ave., Mt. Vernon
- Mann, E. † gr ed 525 W. 120
- Mann, L. R. 3 j Furnald
- Mann, L. T. 4 m  
7420 Thirteenth ave., Bklyn.
- Mann, M. † 2 pa Whittier
- Mann, M. L. † gr 420 W. 121
- Manne, A. 2 m 91 Hooper, Bklyn.
- Manning, C. A. gr 141 E. 74
- Manning, F. M. † gr 237 E. 104
- Manning, H. E. † gr ed Whittier
- Manning, J. 3 s Hartley
- Manning, W. J. 2 c 435 Clinton, Bklyn.
- Manock, F. D. sp s 3505 Broadway
- Mansbach, E. A. 1 c 1854-82nd, Bklyn.
- Mansbach, P. P. 3 c 431 W. 117
- Mansell, D. E. gr ed 2509 Seventh ave.
- Mansell, I. E. gr ed 2509 Seventh ave.
- Mantell, L. R. † 3 pa 509 W. 121
- Many, H. C. gr ed Port Jefferson
- Maplesden, V. I. † gr ed 519 W. 123
- Mapes, F. A. † gr 500 W. 122
- Marashlian, H. S. phar 317 E. 27
- Marble, A. T. M. † gr ed 430 W. 119
- Marck, S. E. † gr  
33 Third ave., Long Island City
- Marcus, A. gr 173 W. 83
- Marcus, I. H. 1 c 871 Briggs ave., Bklyn.
- Marcus, L. 3 c 530 W. 126
- Marcus, L. 3 m 406 Sackman, Bklyn.
- Marek, M. phar 380 E. 8
- Margold, C. W. gr  
248 Snediker ave., Bklyn.
- Margolin, M. gr ed 1546 Minford Pl.
- Margoshes, S. gr ed 54 St. Nicholas ave.
- Mariano, J. H. 4 c 349 W. Broadway
- Markel, C. 1 c 1326 Madison ave.
- Markey, F. L. † gr 436 E. 140
- Markey, R. † 2 b 534 W. 124
- Markley, G. H. 2 c Westfield, N. J.
- Markowitz, B. † gr 261 W. 112

- Markowitz, B. *phar* 259 Monroe  
 Markowitz, I. *phar* 925 Tiffany  
 Markowitz, J. *phar* 64 W. 118  
 Marks, E. S. 3 c 655 Kearney ave., Arlington  
 Marks, L. *gr ed* 3675 Broadway  
 Marlatt, E. T. *gr ed* 718 W. 178  
 Marquardt, W. C. 3 s 336 St. Anns ave.  
 Marquess, E. B. † 3 b 504 W. 122  
 Marraro, R. 1 c 53 W. 11  
 Marrs, A. R. *nm l* 175 Claremont ave.  
 Marscher, R. C. 1 l Livingston  
 Marsh, A. † 3 *pa* 520 W. 122  
 Marsh, F. A. † 4 *ed* 519 W. 121  
 Marsh, L. A. *gr ed* 501 W. 122  
 Marsh, M. B. † *gr* 620 W. 152  
 Marsh, M. P. *nm gr* 326 Clermont ave., Bklyn.  
 Marshall, J. 3 j 47 E. 72  
 Marshall, M. A. † *gr* Whittier  
 Marshall, R. † 1 b 47 E. 72  
 Marson, B. 1 c 125 Bristol ave., Bklyn.  
 Martens, C. † 3 b Whittier  
 Martin, A. L. *gr* 523 W. 121  
 Martin, F. H. *nm l* 322 W. 107  
 Martin, G. W. 3 c 133 Noble, Bklyn.  
 Martin, H. A. 1 s 255 Steuben, Bklyn.  
 Martin, H. W. *gr ed* 108 Buckingham Rd., Yonkers  
 Martin, I. † *nm ed* 787 West End ave.  
 Martin, M. H. † *gr ed* 160 Claremont ave  
 Martin, R. † 1 b Brooks  
 Martin, R. W. *nm l* Furnald  
 Martin, T. D. *gr ed* 160 Claremont ave.  
 Martinez, M. † *nm ed* Whittier  
 Marting, H. A. 3 l 440 Riverside Dr.  
 Martus, J. H. 1 m 32 W. 114  
 Marty, S. M. † *gr* 601 W. 127  
 Martyn, B. 2 c 521 W. 111  
 Marx, E. A. 2 c 524 Riverside Dr.  
 Marx, O. † *gr* 3647 Broadway  
 Maselli, R. *phar* 260 Grand ave., Bklyn.  
 Masini, A. L. *phar* 612 Hague, West Hoboken  
 Maslen, E. W. † *gr* 2312 University ave.  
 Maslon, J. *phar* 71-2nd  
 Mason, A. H. † 4 *pa* Whittier  
 Mason, E. P. † *gr* 537 W. 121  
 Mason, J. F. † 1 *pa* 109 Totowa ave., Paterson  
 Mason, W. P. *gr* Furnald  
 Massett, C. S. 2 c 192 Central ave., Flushing  
 Masson, H. J. *gr* 2461 Elm Pl.  
 Masters, M. † *nm ed* 420 W. 121  
 Masterson, H. *nm ed* Hartley  
 Mastick, S. C. *gr* 2 Rector  
 Mateva, A. A., Jr. *phar* 151-42, Corona  
 Matheny, L. † *nm ed* 106 Morningside Dr.  
 Mathes, F. P. † *gr ed* 99 Claremont ave.  
 Mathews, A. † 4 *pa* 106 Morningside Dr.  
 Mathews, M. J. 1 c 203 Pulaski, Bklyn.  
 Mathews, S. J. † 3 *pa* 425 W. 118  
 Matlaw, J. *phar* 51 W. 111  
 Matteson, D. E. † 2 *pa* 24 Urban, Mt. Vernon  
 Matteson, G. E. † 3 *pa* 421 W. 118  
 Matthews, A. † *nm ed* 510 W. 124  
 Matthews, C. D. † *nm ed* 225 Murray, Elizabeth  
 Matthews, M. † *nm ed* 225 Murray, Elizabeth  
 Matthews, S. a 55 W. 95  
 Mattison, S. 2 c 242 E. 50th, Bklyn.  
 Maudeville, W. H. 1 l  
 Maue, P. 2 c 308 E. 142  
 Maupin, J. G. 2 m 62 E. 77  
 Maurice, N. † *nm b* 439 W. 123  
 Maurice, S. 3 l 565 W. 113  
 Mausolff, A. K. a 633 W. 115  
 Mautner, B. H. 3 l 970 Park ave  
 Maver, J. L. † 3 *pa* 182 Arlington ave., Jersey City  
 Maxon, H. 3 j 501 W. 120  
 Maxwell, L. W. *gr* 1435 Atlantic ave., Bklyn.  
 Maxwell, W. G. 3 c 29 Marion, Bklyn.  
 May, A. W. 1 c 525 West End ave.  
 May, E. A. *phar* 31 E. 127  
 May, M. A. *gr* 600 W. 122  
 Mayer, A. 3 c 41 E. 72  
 Mayer, C. M. † *gr* 41 E. 72  
 Mayer, D. R. 1 l Furnald  
 Mayer, L. † 2 b 2085 Fifth ave.  
 Mayer, M. † 1 *pa* Colonial ave., Corona  
 Mayer, T. R. † 2 b 162 E. 80  
 Mayerowitz, I. *phar* 107 E. 123  
 Mayhew, H. † 3 b 1166 Pacific, Bklyn.  
 Maynard, E. P., Jr. 2 m 151 E. 18, Bklyn.  
 Maynard, J. A. *gr* 175 Ninth ave.  
 Maynard, N. F. † 1 *pa* Whittier  
 Mazeloff, A. *phar* 1182 West Farms Rd.  
 Mazzola, F. R. 1 c 413 E. 114  
 Mead, G. W. *gr* 424 W. 119  
 Meads, M. A. † 1 *pa* 720 Riverside Dr.  
 Meagher, E. C. 2 c 50 Forest, Montclair  
 Mebane, D. C. 3 c 435 W. 117  
 Medine, S. 4 s 1357 Intervale ave.  
 Meditz, R. G. † *nm ed* 417 W. 118  
 Medoff, H. *phar* 1086 Manhattan ave., Bklyn.  
 Medrick, C. N. † 2 *pa* Whittier  
 Meeker, C. H. 3 *pa* 117 W. 130  
 Megahan, A. M. † 3 *pa* 700 President, Bklyn.

- Megirian, Z. 1 *c* 427 Dean, Bklyn.  
 Mehler, E. S. † *gr* 322 W. 100  
 Mei, C. S. 2 *c* 5 Mott  
 Meier, M. E. † *phar* 115 W. 68  
 Meierhof, H. L. 3 *m* 1140 Madison ave.  
 Meinhardt, E. A. † *gr ed* 117 W. 64  
 Meinhold, A. † 3 *pa* 313 W. 139  
 Meirovits, I. *phar* 511 W. 184  
 Meister, E. H. 1 *c*  
 27 Norwood ave., Bklyn.  
 Meister, M. *gr* 161 Madison  
 Meisterman, S. G. 2 *c*  
 155 Midland ave., Arlington  
 Meitzler, A. V. † 4 *pa* 523 W. 121  
 Meleney, C. C. 2 *l* 509 E. 16, Bklyn.  
 Meleney, F. L. 4 *m* 509 E. 16, Bklyn.  
 Mellamed, H. C. *nm j* Farnald  
 Melrose, A. R. *gr* 512 W. 172  
 Melrose, P. C. *gr ed* 512 W. 172  
 Meltzer, D. *phar* 347 Powell, Bklyn.  
 Meltzer, J. L. 2 *l* 206 W. 106  
 Melvin, H. M. † *gr ed*  
 88 Elliott ave., Yonkers  
 Memory, M. F. † 4 *pa* Whittier  
 Menagh, A. † 2 *pa*  
 64 Van Reipen ave., Jersey City  
 Mendel, J. *phar* 306 E. 80  
 Meneely, J. † 1 *b* 422 W. 20  
 Mengel, A. R. *nm c*  
 Menken, J. A. 1 *c* 603 W. 111  
 Merckel, F. G. 4 *s* 502 W. 139  
 Mernstein, M. H. 2 *l*  
 73 Lafayette, Stamford, Conn.  
 Mernstrom, T. M. † *gr ed*  
 665 Carroll, Bklyn.  
 Merriam, M. R. † *gr* Whittier  
 Merrill, E. † 1 *pa* 417 W. 121  
 Merrill, G. A. *gr* 253 Park, Hackensack  
 Merrill, S. C. 3 *s* 2880 Broadway  
 Merritt, G. H. 1 *c* Hartley  
 Merritt, G. R. † 3 *b* 74 W. 124  
 Merritt, L. B. † *gr ed* Mineola  
 Merryman, M. † 2 *b* 520 W. 122  
 Mertens, R. E. 2 *c* 56 Hamilton Terrace  
 Merti, J. M. 2 *c* 424 E. 80  
 Mesick, J. L. † *gr* 420 W. 118  
 Messenger, R. E. † *gr* 569 W. 150  
 Messina, J. 3 *c* 2525 Amsterdam ave.  
 Messing, A. 4 *m* 54 Broome  
 Messing, A. J. 3 *c* 2039 Broadway  
 Messing, M. 3 *s* 54 Broome  
 Metcalf, T. N. *gr ed* Livingston  
 Metzger, D. † 2 *b* 26 W. 88  
 Meyer, A. † *gr* 2779 Bainbridge ave.  
 Meyer, A. T. † *gr ed* 17 E. 87  
 Meyer, B. *gr* 99 India, Bklyn.  
 Meyer, D. † 2 *b* 1 W. 68  
 Meyer, D. L. 4 *c* 2 W. 89  
 Meyer, E. K. † *gr ed* 57 W. 58  
 Meyer, H. H. 2 *c* 750 Courtlandt ave.  
 Meyer, H. W. 4 *c* 700 Madison ave.  
 Meyer, I. † 3 *pa* 60 E. 7  
 Meyer, I. H. † 3 *b* 222 Riverside Dr.  
 Meyerhoff, H. A. 1 *c* 6 W. 107  
 Meyers, M. B. † *gr* Tottenville  
 Meyers, M. L. 1 *c*  
 203 Lavonia ave., Bklyn.  
 Meyerson, O. L. 1 *l* 60 St. Nicholas ave.  
 Michaelian, F. M. 3 *c* 540 W. 113  
 Middlebrook, L. S. 1 *l* 140 W. 69  
 Mihalovitch, A. F. † *gr* 501 W. 120  
 Milano, E. E. *phar* 334 E. 112  
 Milch, H. 3 *c* 486 E. 4, Bklyn.  
 Miles, B. *gr* 110 W. 113  
 Miles, I. L. † *gr* 222 Henry, Bklyn.  
 Millar, K. S. † 1 *pa* Whittier  
 Millar, L. M. † 3 *j* 423 W. 118  
 Millen, I. † 3 *pa* 70 Morningside Dr.  
 Miller, B. M. † 3 *pa* Whittier  
 Miller, C. L. *gr ed* 324 W. 124  
 Miller, D. † 4 *b* 2279 Andrews ave.  
 Miller, D. 1 *c*  
 636 Willoughby ave., Bklyn.  
 Miller, D. B. *a* 20 Morningside ave.  
 Miller, D. H. *gr* 380 Riverside Dr.  
 Miller, D. W. 3 *s* 425 W. 160  
 Miller, E. † *nm pa* 617 E. 83  
 Miller, E. C. † 4 *pa* Whittier  
 Miller, E. G. † *nm pa* 430 W. 116  
 Miller, E. H. *gr* 691 Eagle ave.  
 Miller, E. M. † *nm ed*  
 1651 Beacon, Brookline, Mass.  
 Miller, E. S. *phar*  
 15 Hamilton ave., Weehawken  
 Miller, G. K. † 4 *pa*  
 62 Pierrepont, Bklyn.  
 Miller, H. E. *phar* 271 W. 71  
 Miller, H. M. 2nd 3 *c* 540 W. 113  
 Miller, H. S. *gr* 175 Ninth ave.  
 Miller, H. V. 4 *c* Farnald  
 Miller, J. 1 *c* 1405 Fifth ave.  
 Miller, M. † 1 *b*  
 221 Rich ave., Mt. Vernon  
 Miller, M. *phar* 458 Saratoga av., Bklyn.  
 Miller, M. † 2 *pa* Whittier  
 Miller, M. C. † 3 *pa*  
 13 Hollis Court, Queens  
 Miller, M. S. † 3 *pa* 153 Bergen, Bklyn.  
 Miller, P. S. *gr ed*  
 626 Park ave., Weehawken  
 Miller, R. † 4 *pa* Whittier  
 Miller, S. A. *phar* 22 E. Broadway  
 Miller, S. M. † 3 *b*  
 431-12th, West New York  
 Miller, V. E. † 3 *pa* 47 Claremont ave.  
 Miller, W. B. *nm c*  
 184 S. Long Beach ave., Freeport  
 Miller, W. H. 3 *c* 426 Convent ave.



Miller, W. J. 1 c	426 Convent ave.	Monroe, C. † 1 pa	414 W. 121
Millhauser, I. E. † gr	130 W. 142	Monroe, D. gr ed	414 W. 121
Milliken, R. † 2 b	430 W. 119	Monroe, H. C. 3 c	614 W. 113
Mills, A. D. † gr	40 W. 48	Montani, R. J. phar	
Mills, C. M. gr	600 W. 122		79 Vroom, Jersey City
Mills, M. C. † nm ed	3099 Broadway	Montgomery, R. B. 2 c	
Mills, M. E. † 3 pa	1647 Richmond		1013 Watchung ave., Plainfield
	Turnpike, West New Brighton	Mook, E. M. † 1 b	Metuchen
Mills, R. T. 2 j	Hartley	Moolten, R. R. 3 c	1060 Madison ave.
Mills, S. W. 1 m	346 W. 57	Moon, A. G. † 1 b	509 W. 121
Milnor, J. P. 1 l	Belleclaire Hotel	Mooney, J. J. 2 c	
Milnor, M. † gr	122 E 34		40 N. Lincoln ave., Rockaway Pk.
Milsner, J. I. mn ed	400 E. 26	Moonves, J. B. phar	1357 Intervale ave.
Milyko, A. 4 s	1475 Crotona Pl.	Moore, C. D. nm pa	
Minahan, M. O. † 2 b	501 W. 120		36 Herman, Glen Ridge, N. J.
Minasian, O. I. nm pa		Moore, F. L. † 4 ed	420 W. 121
	840 President, Bklyn.	Moore, J. E. † nm ed	
Miner, C. E. † gr	662 W. 184		119 Essex ave., Bloomfield
Miner, F. H. gr ed	423 Main, Hackensack	Moore, M. † gr ed	537 W. 121
Minich, R. L. gr	600 W. 122	Moore, M. † nm pa	423 W. 120
Minnis, M. † 3 pa	Whittier	Moore, M. T. gr	Livingston
Minoli, S. A. 2 c	810 Second ave.	Moore, O. † 1 b	415 E. 26, Bklyn.
Minor, K. T. † 2 pa		Moore, R. E. † gr	420 W. 119
	20 S. Parsons ave., Flushing	Moore, R. E. gr	633 W. 115
Minsky, H. 3 c	524 Barbey, Bklyn.	Moore, R. J. nm c	
Minthorn, M. † nm pa	519 W. 121		108 Park ave., Hoboken
Minturn, T. 3 c	875 Union, Bklyn.	Moore, R. R. 3 s	172 East End ave.
Mintzis, H. L. phar	616 E. 158	Moore, W. D. gr	Furnald
Minzesheimer, C. T. † gr	124 E. 81	Moore, W. J. 1 c	Furnald
Mirsky, M. E.	49 W. 83	Moore, W. V. 3 m	
Mistretta, J. phar	315 E. 29		992 Sterling Pl., Bklyn.
Mitchell, G. P. 1 j	Furnald	Morales, J. M. gr	500 W. 122
Mitchell, H. E. gr ed	519 W. 121	Moran, H. B. † 2 pa	560-4th, Bklyn.
Mitchell, I. † nm ed	258 W. 132	Moran, L. J. 1 c	272 Degraw, Bklyn.
Mitchell, L. † nm ed	602 W. 190	Moran, S. F. gr	106 Morningside Dr.
Mitchell, M. A. † nm pa	70 W. 105	Morch, E. H. 3 c	961 Lenox ave.
Mitzenius, W. L. 3 s		Morch, J. 4 s	304 Carroll, Bklyn.
	1048 Ave. C, Bayonne	Mores, E. † 1 pa	
Miura, M. nm s	615 W. 136		72 Greenridge ave., White Plains
Mixon, E. L. gr	500 W. 122	Morey, H. † 1 pa	Whittier
Mixsell, D. G. a	Hartley	Morgan, E. P. † 3 b	135 E. 66
Moehling, E. A. † gr ed		Morgan, F. S. † 3 pa	523 W. 122
	303 Columbia, Bklyn.	Morgan, G. B. † 1 b	
Moeller, H. P. 1 c	341 W. 57		266 S. First ave., Mt. Vernon
Moeller, L. N. 4 s	2185 Seventh ave.	Morgan, S. W. a	627 W. 115
Moen, J. † nm pa	64 W. 127	Morgan, W. E. gr	2190 Seventh ave.
Moffat, E. † 4 pa	Whittier	Morganthau, R. W. † gr	123 W. 87
Moffat, S. M. 3 l		Morgenthau, L. R. † gr	161 W. 91
	139 Park ave., Yonkers	Morgenthau, R. † sp b	30 W. 72
Mohan, L. F. † gr	726 Carroll, Bklyn.	Moriarty, J. H. 3 l	241-2nd, Jersey City
Mohler, L. gr ed	106 Morningside Dr.	Moritz, F. L. 1 j	817 West End ave.
Mohring, J. F. gr		Moritz, M. † 3 b	446 E. 139
	104 Grove, North Plainfield	Morley, C. E. † gr	527 W. 121
Moldenke, E. 3 s	40 W. 128	Morrell, J. † nm ed	West Englewood
Moldenke, R., Jr. 1 c	40 W. 128	Morrill, A. M. † 4 ed	
Moller, L. † 4 pa	Whittier		97 Paulison ave., Passaic
Monell, A. † gr ed	2077 Seventh ave.	Morrill, F. U. † gr	296 Ryerson, Bklyn.
Monell, L. M. 3 s	203 W. 106	Morris, C. H. † 3 b	925 Park ave.
Monjo, M. † 1 b	519 Lincoln Pl., Bklyn.	Morris, E. A. 2 c	319 Adelphi, Bklyn.

- Morris, G. † *gr*  
 17 Hudson ave., Haverstraw  
 Morris, H. A. † *nm ed* 11 E. 37, Bayonne  
 Morris, H. L. *gr* Livingston  
 Morris, L. 1 c 9917 Shore Rd., Bklyn.  
 Morris, M. † 1 b 324 W. 103  
 Morris, M. E. † 1 *pa* 396 E. 171  
 Morris, S. A. 2 *m* 122 W. 115  
 Morris, W. 4 c 64 Humboldt, Bklyn.  
 Morris, W. C. *phar* 311 W. 143  
 Morris, Z. H. † *nm ed* 523 W. 121  
 Morrison, D. H. *gr* 242 E. 105  
 Morrison, F. H. 3 *m* 97 Halsey, Newark  
 Morrison, H. F. 4 *m*  
 Kings County Hospital, Bklyn.  
 Morrison, J. C. *gr ed* Chatham, N. J.  
 Morrison, R. A. † 1 b  
 115 Radford, Yonkers  
 Morrissey, K. L. † 3 *pa* 420 W. 121  
 Morrissey, N. C. † 3 *pa*  
 80 Bruce ave., Yonkers  
 Morrissey, S. J. † *gr ed* 523 W. 121  
 Morro, S. E. 4 *pa* 245 Albany av., Bklyn.  
 Morse, D. C. *a*  
 Morse, K. M. † 4 *ed* 425 W. 114  
 Morse, K. M. † *gr* 106 Morningside Dr.  
 Morse, W. C. B. *a* 612 W. 116  
 Morse, W. E. 3 l 435 W. 123  
 Morton, C. I. 1 c Hartley  
 Moses, L. 1 c 8 E. 127  
 Moses, M. M. † 3 b 140 Claremont ave.  
 Mosher, M. 3 s 16 W. 111  
 Moskowitz, B. S. † *nm pa* 208 E. 10  
 Moskowitz, M. 3 s 204 Henry  
 Moss, H. J. † *nm ed* 457 W. 123  
 Moss, R. M. 1 c 346 Grand ave., Bklyn.  
 Mossowitz, C. *phar* 892 Fox  
 Mott, E. † 2 b 113 E. 120  
 Mott, S. M. † *nm ed* 38 W. 48  
 Mottola, J. H. 1 l 1335-65th, Bklyn.  
 Mouquin, L. H. F. 4 s 273 West End ave.  
 Mudd, S. G. 3 c 616 W. 113  
 Muehleck, G. E. 2 *m*  
 212-11th, Hoboken  
 Mueller, H. R. *gr* Livingston  
 Mueller, J. H. *gr* 437 W. 59  
 Muendel, R. † 4 *pa* 1421 Prospect ave.  
 Mufson, I. 1 *m* 1260 Clay ave.  
 Muhlfield, M. † 1 b  
 805 Crotona Park North  
 Mulcahy, F. H. 1 c 444 E. 169  
 Mulhall, E. F. † *gr* 616 W. 116  
 Mulheron, H. † *nm ed* 335 Lexington ave.  
 Muller, W. J. *gr ed* 15 Bleeker, Bklyn.  
 Mulligan, R. † *gr* 168 W. 75  
 Mullikin, J. C. † *gr* 417 W. 118  
 Mullin, M. † 2 *pa* Whittier  
 Mulqueen, G. 4 c 43 W. 85  
 Mulvey, V. J. 1 l 520 W. 123  
 Mumford, A. R. † *gr* 510 W. 124  
 Mumford, G. H. 3 c 31 W. 81  
 Munro, M. † 1 *pa* Whittier  
 Munro, S. H. † *nm ed*  
 106 Morningside Dr.  
 Munro, T. B. 4 c 143 Wadsworth ave.  
 Munroe, R. K. 3 s 434 Riverside Dr.  
 Munstock, G. † 1 b 353 W. 118  
 Munter, E. † 3 b 625 W. 156  
 Muravchik, R. B. † *gr*  
 1253 Amsterdam ave.  
 Murchison, C. T. † *gr* 633 W. 115  
 Murock, L. *phar* 2373 Belmont ave.  
 Murphy, A. B. † 4 *ed* 415 W. 120  
 Murphy, A. C. † 4 *pa* 416 W. 122  
 Murphy, B. J. a 841 Crotona Pk. North  
 Murphy, C. B. *gr* 600 W. 122  
 Murphy, C. E. *nm j* Fernald  
 Murphy, F. T. 1 l 247 Fifth ave.  
 Murphy, G. B. † *nm ed*  
 534 Putnam ave., Bklyn.  
 Murphy, G. B. 4 s 104 W. 102  
 Murphy, H. A. † *nm ed* 42 Riverside Dr.  
 Murphy, H. W. 3 c 400 W. 118  
 Murphy, I. V. † 2 b Whittier  
 Murphy, J. A. 2 l 522 W. 123  
 Murphy, M. E. † *nm ed*  
 35 Dean, Englewood  
 Murphy, P. 3 *pa* 550 W. 114  
 Murphy, R. C. *gr*  
 293 Eastern Parkway, Bklyn.  
 Murphy, S. W. 3 l 149 Keap, Bklyn.  
 Murphy, T. 1 j 435 E. 142  
 Murphy, W. A. *gr ed*  
 70 S. Elliot Pl., Bklyn.  
 Murrah, P. H. † *gr ed* Whittier  
 Murray, A. L. † *nm b* 57 E. 66  
 Murray, A. W. † 1 *pa* Whittier  
 Murray, C. 3 c Hartley  
 Murray, C. B. 2 c 501 W. 121  
 Murray, C. B. *nm ed* 501 W. 121  
 Murray, H. A. 1 *m* 38 W. 51  
 Murray, J. P. T. 2 c 432-1st, Bklyn.  
 Murray, N. † *gr* 420 W. 116  
 Murrin, W. R. 3 l 419 W. 115  
 Murtland, I. † 1 b 40 E. 81  
 Mushekin, E. 3 s 444 W. 144  
 Muskin, L. *phar* 154 Henry  
 Mussaeus, M. G. † *gr* 509 W. 121  
 Mussaeus, W. T. 2 c 619 W. 113  
 Musselman, F. Z. *gr ed* Fernald  
 Mutchmor, J. R. *gr* 600 W. 122  
 Mutchnick, J. *phar* 261 W. 4  
 Mutscheller, A. *gr* 112 E. 77  
 Muzante, J. B. 1 *m* 308 E. 57  
 Myers, D. K. † 4 b 153 W. 78  
 Myers, H. B. † *gr* 416 W. 118  
 Myers, M. A. † 3 j 220 W. 98  
 Myers, O. B. 4 s 531 W. 113

- Myers, R. S. *nm ed*  
72 Walthery ave., Ridgewood
- Myers, W. V. 3 *c* Furnald  
Nabow, D. 4 *s* 3 E. 106  
Nadel, L. 2 *c* 1182 Clay ave.  
Nadel, R. † *phar* 632 E. 9  
Nagle, W. J. *gr ed* Furnald  
Nagler, M. *phar* 205 E. 7  
Nahm, H. H. 3 *c* 628 W. 114  
Nakamigawa, T. *sp s* 550 Riverside Dr.  
Nakamura, M. *nm l* 512 W. 134  
Nammack, E. F. † *gr*  
110 Morningside Dr.  
Nasanowsky, D. *phar* 9 E. 101  
Nash, E. B. *gr* 400 W. 118  
Nashley, A. 1 *c* 108 W. 141  
Nathan, E. J., Jr. *nm l* 127 W. 74  
Nathan, L. 1 *c* 592 Leonard, Bklyn.  
Nathan, R. † 3 *b* 127 W. 74  
Nathanson, M. E. † 4 *b*  
526 New Jersey ave., Bklyn.  
Naumer, H. A. 2 *c* 514-11th, Bklyn.  
Navid, S. *phar* 53 E. 112  
Nayfack, B. S. 2 *c*  
1126 Eastern Parkway, Bklyn.  
Naylor, D. O. 2 *j* Furnald  
Nead, R. H. *gr* 1121 Bedford av., Bklyn.  
Neagle, A. H. 2 *m* 421 W. 57  
Neale, W. 1 *c* 120 E. 31  
Neary, A. 2 *l* Livingston  
Ne Collins, B. † *nm ed* 522 W. 136  
Neely, H. A. 2 *l* 703 W. 130  
Neer, I. † 4 *b* 245 Broadway, Paterson  
Neff, E. E. *gr* Furnald  
Neil, I. H. † *gr ed* Whittier  
Neilson, J., Jr. 1 *c* 123 E. 53  
Neinken, M. L. 4 *s* 1472-56th, Bklyn.  
Neitz, J. D. 1 *c* 527 W. 124  
Nekarda, V. F. 2 *l* 504 E. 86  
Nellis, E. G. † *gr ed* 54 Morningside Dr.  
Nelson, C. L. *nm c* 62 W. 96  
Nelson, J. H. 3 *c* Pocantico Hills, N. Y.  
Nelson, L. A. † *gr* 547 W. 123  
Nemser, M. 4 *m* 88 First ave.  
Nemser, R. 1 *m* 88 First ave.  
Nesbit, M. F. 1 *s* 511 W. 122  
Nester, D. H. *gr ed*  
349 Seventh ave., Newark  
Nettleton, B. † *nm ed* Whittier  
Neubauer, C. † 2 *b*  
764 Fourth ave., College Point  
Neucomer, M. † *gr* Whittier  
Neuhaus, H. 1 *c* 281 Edgecombe ave.  
Neuman, L. S. † *gr ed* 44 Morningside Dr.  
Neuman, M. 1 *l* 114 W. 120  
Neumann, G. B. *gr ed* 44 Morningside Dr.  
Neumann, H. *gr*  
304 Marlborough Rd., Bklyn.  
Neumer, O. 3 *s* 20 W. 95
- Neuschaefer, F. L. *nm gr* 619 W. 113  
Neuville, E. † 1 *b*  
Rolling, Lynbrook, N. Y.  
Nevin, W. M. 2 *l* 142-68th, Bklyn.  
Nevitt, H. G. 4 *s* 624 W. 139  
Newburger, B. G. † 1 *b* Belnord Apts.  
Newburger, M. J. 4 *c* Belnord Apts.  
Newell, E. † *gr ed* 501 W. 121  
Newell, F. B. *gr* 600 W. 122  
Newell, M. E. † *nm pa* 415 W. 118  
Newman, D. 3 *l* 147 Van Buren, Bklyn.  
Newman, F. W. 2 *l* 51 Clark, Bklyn.  
Newman, H. S. 1 *c* 2419-84th, Bklyn.  
Newman, J. A. 3 *c*  
147 Van Buren, Bklyn.  
Newman, J. W. 2 *l* 51 Clark, Bklyn.  
Newton, A. M. † *gr* 90 Morningside Dr.  
Newton, H. G. *nm ed* 540 W. 113  
Nicastro, E. E. *phar* 46 W. 64  
Nicholaus, J. 3 *m* Furnald  
Nichols, D. B. † 3 *j*  
327 Flushing ave., Jamaica  
Nichols, F. D. *phar* 108 W. 138  
Nichols, H. E. 1 *l*  
386 Stuyvesant ave., Bklyn.  
Nichols, H. W., 3rd 1 *l* 558 W. 113  
Nichols, L. H. 2 *c* 435 W. 117  
Nichols, S. F. † *gr* 42 W. 11  
Nicholson, W. R. Jr. 4 *m* Livingston  
Nichthauser, P. † *gr ed* 520 E. 122  
Nichthauser, V. 2 *l* 821 E. 166  
Nickerson, E. C. † 3 *pa* 501 W. 121  
Nicolassen, G. F. *gr*  
Nicolson, W. P., Jr. 4 *m* Livingston  
Nielsen, L. H. 4 *s* 611 E. 158  
Nielsen, M. A. † *sp b* Whittier  
Nielsen, N. K. *nm ed* 405 W. 118  
Nigo, H. *phar* 184 West End ave.  
Nilsen, L. † *gr* 27 W. 88  
Nishimura, B. *gr* 524 W. 123  
Nishnam, D. 1 *c* 104 Moore, Bklyn.  
Nitchie, E. † *gr*  
129 Embree Crescent, Westfield, N. J.  
Niver, M. † 4 *pa* 501 W. 121  
Nixdorff, C. E. *gr* 320 W. 83  
Nixon, E. L. *gr* 500 W. 122  
Noble, G. H. 3 *m* 31 W. 61  
Noble, J. K. 3 *c* 627 W. 113  
Nodine, E. R. 3 *c* 429 W. 117  
Noe, J. T. 3 *c* 102 W. 75  
Noethen, J. C. *gr* 160 E. 94  
Noice, D. † 3 *b* 462 Convent ave.  
Nolan, J. P. 4 *pa* Hartley  
Noland, L. † *nm gr* 121 E. 38  
Nolte, Frederick 2 *pa*  
127 Beebe ave., Long Island City  
Nomland, E. † *sp b* 400 W. 118  
Nomland, K. *a* 400 W. 118  
Noonan, J. M. † *nm ed* 216 W. 141

- Noonan, R. L. *gr* 102 Oakland, Bklyn.  
 Norek, A. W. 2 *l* 1102 Eastern Parkway, Bklyn.  
 Norris, N. † 4 *b* Brooks  
 Norris, R. † 1 *pa* 439 W. 123  
 Norris, R. V., Jr. 3 *s* 618 W. 113  
 North, H. S. *gr ed* Livingston  
 Northrop, N. † 1 *pa* Whittier  
 Northrup, B. † 3 *pa* 20 Clinton ave., Montclair  
 Norton, A. W. 4 *c* 614 W. 113  
 Norton, B. C. 3 *c* Southport, Conn.  
 Norton, E. C. † *gr* 277 W. 11  
 Norton, E. K. † 3 *j* 106 Morningside Dr.  
 Norton, F. W. *nm c* 414 W. 120  
 Norton, J. C. 2 *c* 562 W. 171  
 Norton, J. F. 2 *m* 399 York, Jersey City  
 Norton, R. † *nm b* 10 E. 58  
 Norton, T. J. 1 *s* 562 W. 171  
 Nortz, L. † *nm b* 32 E. 65  
 Noschkes, A. *gr* 420 Grand  
 Noteworthy, E. † *gr ed* 180 W. 82  
 Notar-Angelo, W. *phar* 88-50, Corona  
 Novelo, H. † *nm ed* 528 Riverside Dr.  
 Nowlan, F. S. *gr* 102 Convent ave.  
 Noyes, E. G. † 3 *j* 53 Washington Sq.  
 Noyes, E. J. 1 *l* 532 W. 163  
 Noyes, E. J. † 4 *pa* Whittier  
 Noyes, M. P. *gr* 600 W. 122  
 Nuese, R. E., Jr. 3 *c* Furnald  
 Nugent, M. L. † 3 *pa* Whittier  
 Nui, S. † *nm ed* Whittier  
 Nussbaum, S. 2 *m* 925 Jackson ave.  
 Nussey, H. V. *gr ed* 157 Schenectady ave., Bklyn.  
 Nuzum, C. † *nm pa* 337 W. 58  
 Nyi, Z. T. *gr* Hartley  
 Nyland, F. C. 4 *s* 627 W. 113  
 Oak, D. † 1 *b* 146 W. 119  
 Oakes, E. T. *gr* 537 W. 123  
 Oakley, E. W. † 3 *b* 150 E. 72  
 Oates, H. † 1 *pa* Whittier  
 Oatman, M. E. † *gr* 513 W. 142  
 Oberle, L. † 1 *b* 39 Burnett, Maplewood  
 Oberrender, G. F. 4 *c* 565 W. 113  
 O'Brien, A. A. *gr* 2787 Boulevard, Jersey City  
 O'Brien, E. † 3 *b* 729 Park ave.  
 O'Brien, F. P. *nm ed* Hartley  
 O'Brien, V. 3 *c* 140 West, Bklyn.  
 Obrig, T. E. 1 *c* Hartley  
 Obstfeld, E. A. 3 *l* 75 W. 128  
 Ochs, I. B. † *gr* 308 W. 75  
 O'Connor, A. J. 4 *m* 77 Stanhope, Bklyn.  
 O'Connor, G. E. 3 *l* 440 Riverside Dr.  
 O'Connor, M. † 2 *pa* 145 E. 35  
 O'Dell, F. † *nm ed* 93 Bayard, New Brunswick  
 O'Dell, G. E. *gr* 2 W. 64  
 O'Donnell, M. P. C. † 2 *pa* 2681 Briggs ave.  
 O'Dowd, J. J. 2 *m* 418 W. 150  
 Oellrich, P. F. † *gr* 120 Lenox ave., East Orange  
 Oettinger, M. † 1 *pa* Whittier  
 Offner, M. M. 1 *c* 1606 Third ave.  
 Ofrias, J. *phar* 203 E. 13  
 Ogden, M. † 1 *b* 136 W. 104  
 Ogilvie, P. M. *gr*  
 O'Hagan, C., Jr. *phar* Portchester  
 Ohira, T. *nm gr* 80 Manhattan ave.  
 Ohl, R. † *gr* 191 Lincoln Pl., Bklyn.  
 Ohlson, O. W. *gr* 25 N. Eighth ave., Mt. Vernon  
 Ohta, S. Y. a 52 Morningside ave.  
 O'Keefe, E. † 1 *pa* 224 Walton Rd., South Orange  
 Olcott, D. † *gr* 415 W. 118  
 Oldfield, I. † 3 *pa* 605 W. 156  
 Olds, L. *gr* 505 W. 111  
 O'Leary, M. † 4 *pa* 501 W. 121  
 Olin, J. E. † *gr* 423 W. 120  
 Olin, J. W. E. 3 *pa* 37 Orient Way, Rutherford  
 Olinger, H. C. *gr* 695 Lexington ave.  
 Oliver, E. † *nm pa* 509 W. 121  
 Oller, M. † *gr ed* 70 Morningside Dr.  
 Oller, S. L. † 3 *pa* 70 Morningside Dr.  
 Olmstead, D. † 1 *pa* 323 Greenwich ave., Mt. Vernon  
 Olmstead, M. P. † *gr* 335 E. 31  
 O'Loughlin, R. R. 2 *c* 611 W. 114  
 Olsan, I. M. 2 *m* 220 W. 111  
 Olsan, W. D. *nm ed* 541 W. 124  
 Olsen, G. M. † *nm pa* 540 W. 122  
 O'Malley, C. A. 3 *c* 127 Elm, Yonkers  
 O'Neale, L. M. † 4 *pa* Whittier  
 O'Neil, C. † 3 *pa* Whittier  
 Oppenheim, G. D. 1 *c* 16 Mt. Mope Pl.  
 Oppenheim, S. 2 *c* 520 W. 122  
 Oppenheimer, F. † 3 *b* 11 W. 87  
 Oppenheimer, F. † *gr* 31 W. 74  
 Oram, R. W. 4 *c* 139 W. 67  
 O'Reilly, V. J. 2 *l* 112 Bay View ave., Jersey City  
 O'Reilly, W. T. 4 *s* 8 Mt. Morris Park West  
 Origgi, S. † 3 *b* 244 Spring  
 Orhiansky, I. L. 4 *c* 11 St. Nicholas ave.  
 Orloff, L. 1 *c* 883 Longwood ave.  
 Ormont, R. W. † *gr* 558-9th, Bklyn.  
 O'Rourke, W. I. † *nm ed* 584 E. 167  
 Orr, F. B. 2 *m* 31 W. 61  
 Orthey, G. F. 4 *s* 604 W. 114  
 Osborn, D. † 4 *pa* 106 Morningside Dr.  
 Osbourne, A. 2 *c* 1161 Amsterdam ave.  
 Oschrein, E. † 2 *b* 130 Ogden ave., Jersey City

Osgood, E. L. † *gr* 75 Washington Pl.  
 Oshima, Y. *nm gr* 419 W. 118  
 Osserman, H. A. 4 *m* 844 Dawson St.  
 Osswalt, O. H. 2 *c* 420 Kosciusko, Bklyn.  
 Osswalt, R. L. 4 *c* 420 Kosciusko, Bklyn.  
 Oster, J. E. *gr* 500 W. 122  
 Osterhohn, L. † *nm ed* 419 W. 119  
 Osterholm, C. A. 4 *pa* 350 Bergen, Bklyn.  
 Osterhus, P. O. *gr ed* Hackensack  
 Ostermann, F. J. † 4 *pa* 615 W. 162  
 Ostrander, G. P. † 2 *pa* Whittier  
 O'Toole, E. 1 *j* 84 State, Ossining  
 Otsuka, S. *gr* 600 W. 122  
 Overton, S. † 3 *pa* 130 Claremont ave.  
 Owen, C. 2 *l* 21 W. 134  
 Owen, R. H. *gr* Livingston  
 Owen, W. C. *sp s* Farnald  
 Owens, R. W., Jr. 2 *l* Livingston  
 Paashauss, L. F. † 4 *ed* 615 Cleveland ave., Elizabeth  
 Paddock, A. K. 3 *c* 149 W. 72  
 Padve, M. *gr* 1580 Crotona Park East  
 Padwe, S. 4 *c* 297-4th, Jersey City  
 Pagar, S. M. *gr* Farnald  
 Page, P. † 3 *pa* 411 W. 114  
 Paget, R. 1 *c* Hartley  
 Paine, A. M. † *gr ed* 537 W. 123  
 Palinsky, M. 1 *m* 4015 Thirteenth ave., Bklyn.  
 Palermo, R. *phar* 46 Purchase, Rye  
 Palin, M. M. † *nm ed* 503 W. 121  
 Palmer, E. † *gr* 828 St. Nicholas ave.  
 Palmer, F. A. *gr* 600 W. 122  
 Palmer, G. L. † 3 *b* Brooks  
 Palmer, H. M. 3 *s* 312 W. 102  
 Palmer, H. W. 3 *c* 435 W. 117  
 Palmer, M. † *nm ed* Hillsdale, N. J.  
 Palmland, R. † *nm ed* 1376 Pacific, Bklyn.  
 Pampulla, J. J. *phar* 1422 Bergen, Bklyn.  
 Pannkoke, A. H. *gr* 315 Fenimore, Bklyn.  
 Pantano, V. F. *phar* 56 Lenox ave.  
 Panuska, F. C. *nm pa* 428 E. 77  
 Papazian, E. C. † 2 *b* 510 W. 140  
 Papazian, G. W. C. 2 *c* 510 W. 140  
 Pape, C. *gr ed* 811 Ocean Pky., Bklyn.  
 Pape, E. *phar* 501 E. 118  
 Papp, J. J. 2 *c* 160 Eagle, Bklyn.  
 Pardee, C. J. *gr* 704 Humboldt, Bklyn.  
 Pareis, E. † *sp b* 74 Tonnele ave., Jersey City  
 Parish, C. E. *nm ed* 3 Franklin Terrace, Nutley, N. J.  
 Parisi, D. † *phar* 201 Floyd, Bklyn.  
 Park, C. B. 3 *pa* 24 Dalton, Roselle Park, N. J.  
 Park, J. 3 *s* 558 W. 113  
 Park, V. † *nm pa* 401 W. 118

Parke, L. † 4 *pa* Whittier  
 Parker, A. 1 *c* 3647 Broadway  
 Parker, E. W. † 3 *b* 348 W. 23  
 Parker, J. T. † *nm gr* 898 Madison ave.  
 Parkin, G. B. *gr* Port Morris, N. J.  
 Parks, C. † 1 *b* 39 Claremont ave.  
 Parks, G. † 3 *pa* City Hospital, Blackwells Island  
 Parks, H. L. † 3 *pa* 401 W. 118  
 Parotzky, J. 1 *m* 11 W. 113  
 Parrish, C. E. *gr* 410 W. 115  
 Parrott, R. D. *gr*  
 Parsons, A. T. L. † *gr* 925 Park ave.  
 Parsons, C. H. *gr ed* Farnald  
 Parsons, E. A. † 4 *pa* 440 E. 26  
 Parsons, L. † 3 *pa* 430 W. 119  
 Parsons, T. D. 1 *l* Shrewsbury, N. J.  
 Partridge, M. A. † 1 *b* 423 W. 120  
 Partridge, R. E. † *gr ed* Whittier  
 Partridge, T. D. 2 *l* Farnald  
 Pasachoff, H. D. 2 *m* 1526 Charlotte  
 Pascal, S. *phar* 180 Forsyth  
 Pascarella, A. J. 4 *s* Farnald  
 Pashley, J. C. † *gr* 203 W. 103  
 Pasner, S. D. 2 *c* 141 Forsyth  
 Passarelli, L. A. 4 *c* 1378 Lyman Pl.  
 Paszek, L. F. *gr ed* 298 Seventh ave.  
 Patchin, M. A. † *gr* 620 W. 122  
 Paton, F. E. † *nm pa* Whittier  
 Patrick, G. Z. *gr* 510 W. 123  
 Patrick, S. L. † *gr ed* 420 W. 119  
 Patten, R. † *nm ed* Short Hills, N. J.  
 Patterson, B. S. † 2 *pa* Whittier  
 Patterson, C. 431 Riverside Dr.  
 Patterson, M. P. † *nm gr* 38 W. 39  
 Patterson, W. A. *gr* 300 W. 111  
 Patteson, J. † 1 *pa* 44 Croton ave., Tarrytown  
 Patton, J. † *gr* 417 W. 120  
 Patton, M. H. † 3 *pa* 1702 Topping ave.  
 Paufve, R. E. a 29 Schermerhorn, Bklyn.  
 Paul, E. M. † 4 *ed* 106 Morningside Dr.  
 Pauley, C. T. 3 *c* 540 W. 113  
 Pauli, R. H. † *gr* 113 E. 19  
 Paulonis, J. F. *phar* 454 Grand, Bklyn.  
 Paulson, E. † 3 *pa* 182 Woodworth ave., Yonkers  
 Pawar, R. † 4 *ed* Whittier  
 Pawar, R. R. *gr* Livingston  
 Payne, J. A., Jr. 1 *l* 627 W. 115  
 Peabody, M. E. † *gr ed* Englewood  
 Pearce, E. D., Jr. 1 *l* 440 Riverside Dr.  
 Peare, H. B. a 370 W. 120  
 Pearlman, J. *gr* 511 Eighth ave., Bklyn.  
 Pearson, G. I. † 4 *b* 1525-50th, Bklyn.  
 Pearson, L. D. † *gr* 600 W. 122  
 Pease, M. S. † *nm ed* 527 W. 121  
 Pecharsky, J. *phar* 1000 Manhattan ave.  
 Pecheur, R. E. † *nm ed* 36 W. 93

- Peckham, A. B. † *gr* 435 Cen. Pk. West  
 Peckham, J. L. *gr ed* 175 Ninth ave.  
 Peek, L. † 3 *pa* Whittier  
 Peek, R. L., Jr. 1 *c* Hartley  
 Peene, E. † 4 *pa* 271 Claremont ave., Montclair  
     54 Lamartine ave., Yonkers  
 Peene, G. M. † 3 *pa* 18 Wicker, Yonkers  
 Peeples, T. K. *nm l* Furnald  
 Peet, G. B. † 3 *pa* Whittier  
 Peet, R. † 4 *pa* 144 W. 93  
 Peffer, M. R. *nm ed* 114 Kearney ave., Perth Amboy  
 Pell, E. E. † *gr* 695 Putnam ave., Bklyn.  
 Pell, V. D. 4 *s* 234 W. 122  
 Peller, P. 1 *c* 427 E. 8, Bklyn.  
 Pels, H. 1 *l* 840 Lexington ave.  
 Pender, T. M. *gr* 14 Prospect, South Orange  
 Pennachio, J. P. *phar* 349 Grove, Jersey City  
 Pennell, R. O. 2 *c* 618 W. 113  
 Pennewill, J. M. 1 *c* Furnald  
 Penniston, J. B. *gr* 436 Sterling Pl., Bklyn.  
 Pennock, M. R. † 3 *b* 5 W. 91  
 Peper, F. J. 3 *c* 578 Washington ave., Bklyn.  
 Peper, W. H. † *gr ed* 213 E. 68  
 Pereira, J. D. *nm c* 511 W. 122  
 Perillo, J. A. *phar* 316 E. 22  
 Perkins, C. C. 2 *l* 27 W. 44  
 Perkins, G. W. *phar* Glen Cove  
 Perkins, J. R. 2 *m* 354 W. 58  
 Perkins, O. P. 1 *c* 828 St. Nicholas ave.  
 Perkins, R. L. 3 *c* 538 W. 114  
 Perla, F. N. † *phar* 1626 Madison ave.  
 Perla, L. 3 *c* 332 Chauncey, Bklyn.  
 Perley, M. H. † 4 *pa* 418 W. 118  
 Perlman, M. B. *gr* 949 Ave. St. John  
 Perlman, P. † 3 *j* 949 Ave. St. John  
 Perlstein, P. *gr ed* 549 Riverside Dr.  
 Perry, D. L. † *nm b* 363 W. 123  
 Perry, M. † *gr* 419 W. 121  
 Perry, R. R. 4 *c* 540 W. 113  
 Persky, A. 2 *c* 184 New Jersey ave., Bklyn.  
 Persons, M. E. † *gr ed* 537 W. 149  
 Petchtle, C. B. *nm l* 135 Hamilton Pl.  
 Peters, A. G. *nm pa* 953 Grove, Elizabeth  
 Peters, F. F. 4 *s* 227 W. 99  
 Peters, F. H. *nm c* 1822 Ave. G, Bklyn.  
 Peters, I. L. † *gr* 610 Riverside Dr.  
 Peters, J. † *sp b* 227 W. 99  
 Peters, R. † 4 *pa* 525 W. 120  
 Petersen, A. J. † *nm ed* 414 W. 118  
 Peterson, A. K. † *gr ed* 523 W. 121  
 Peterson, C. W. 4 *s* 540 W. 113  
 Peterson, G. S. *gr* 410 W. 115  
 Peterson, L. *gr* 26 Jones  
 Peterson, R. L. *gr* 600 W. 122  
 Petker, M. *phar* 178 Madison  
 Pettee, F. M. † 4 *pa* 271 Claremont ave., Montclair  
 Pettibone, J. S. 1 *c* Hastings-on-Hudson  
 Pettit, E. † 2 *pa* Whittier  
 Pettit, M. † 3 *pa* 515 W. 122  
 Pettit, W. U. *gr ed* 633 W. 115  
 Petty, H. A. *phar* Huntington  
 Petzel, C. L. 3 *s* 15 W. 126  
 Peyser, B. 1 *c* 1851 Seventh ave.  
 Pfahl, H. F. *gr ed* 4669 Kimball ave., Richmond Hill  
 Pfaltz, M. † 2 *b* 512 W. 122  
 Pfau, G. H. *gr* Hartley  
 Pfeffer, A. † 4 *b* 265 Seventh av., Astoria  
 Pfefferkom, B. † 4 *pa* Harlem Hospital  
 Pfeifer, E. I. † 1 *pa* 122 W. 94  
 Pfeiffer, W. P. 4 *c* 3657 Broadway  
 Phillips, C. F. 2 *j* 838 West End ave.  
 Phillips, E. C. † *nm ed* 54 Magnolia ave., Jersey City  
 Phillips, G. F. 2 *l* 154 Roseville ave., Newark  
 Phillips, J. S. † *nm pa* Amityville  
 Phillips, L. A. † *nm pa* 237 E. 104  
 Phillips, M. J. † 3 *pa* Whittier  
 Phillips, T. 1 *m* 346 W. 57  
 Philp, M. I. † *gr* 131 St. Marks Pl., New Brighton  
 Phipps, F. H. 4 *s* Hartley  
 Phipps, H. F. *nm c* 633 W. 115  
 Pica, A. *phar* 342 E. 116  
 Picard, M. *gr* 175 Ninth ave.  
 Piccione, G. J. 3 *s* 55 Barrow  
 Pick, T. † *gr* 41 E. 72  
 Pickel, G. † 2 *b* 251 McDonough, Bklyn.  
 Pickett, R. E. 2 *c* 122 Tinton ave.  
 Pickett, W. J. *gr* Lynbrook, N. Y.  
 Pieczonka, E. † *gr* 541 W. 124  
 Piedabee, M. † *nm ed* Scarsdale, N. Y.  
 Piel, R. A. 3 *c* 536 W. 114  
 Pierce, A. R. † *gr* 215 E. 15  
 Pierce, H. G. † 2 *b* 25 Glover ave., Yonkers  
 Pierce, J. G. † *gr* 57 Clark, Paterson  
 Pierce, L. W. † 3 *pa* Croton-on-Hudson  
 Pierce, M. D. † *nm ed* 519 W. 121  
 Pierson, R. N. 2 *m* 61 Broad, Stamford, Conn.  
 Piester, C. J., Jr. 1 *c* Hartley  
 Pike, K. S. † *gr ed* 417 W. 118  
 Pike, M. E. 1 *l* 1389 Stebbins ave.  
 Pillsbury, M. E. † *gr ed* 969 Amsterdam ave.  
 Pilnacek, E. A. 4 *s* 425 E. 71  
 Pimm, C. M. † 3 *pa* Whittier  
 Pinck, J. L. *phar* 245 Hope ave., Passaic

Pincus, M. <i>nm pa</i>	213 Hart, Bklyn.	Posner, H. 4 c	430 W. 118
Pine, M. B. † 4 b	2323 Loring Pl.	Posner, H. 4 s	25 E. 112
Pines, R. A. 2 c	Hartley	Post, I. E. 2 l	
Pines, W. 3 s	Hartley	Post, J. J. 1 m	Palisades Park
Pink, L. <i>phar</i>	83 Myrtle ave., Passaic	Post, L. W. 2 c	580-5th, Bklyn.
Pinkerton, E. † 2 <i>pa</i>	106 Morningside Dr.	Pott, K. † 2 b	304 W. 99
Pinkham, M. G. † <i>gr</i>	116 W. 70	Pott, R. M. 3 c	565 W. 113
Pinkussohn, L. A. <i>nm l</i>	Livingston	Potter, D. L. † 1 b	Brooks
Pinney, M. M. † 3 <i>pa</i>		Potter, E. † 4 <i>pa</i>	Whittier
	41 Stewart ave., Arlington	Potter, G. † 2 b	Bronxville
Pinsky, H. 1 c	773 Beck	Potter, H. H. <i>nm c</i>	515 W. 124
Pinto, A. 4 s	115 Wadsworth ave.	Potter, P. C. 2 m	Spuyten Duyvil
Piotrowska, H. † <i>gr ed</i>	515 W. 124	Potter, R. T. 3 m	
Pipkin, E. E. † <i>gr ed</i>	501 W. 121		City Hospital, Blackwells Island
Pitcairn, F. † <i>nm ed</i>	423 W. 120	Potter, S. † 3 <i>pa</i>	500 W. 122
Pittman, M. S. † 4 <i>pa</i>	510 W. 124	Povlsen, P. K. 1 c	439-9th, Bklyn.
Pitts, F. G. 3 j	Furnald	Powell, B. J. <i>phar</i>	Westhampton Beach
Pjelps, R. D. <i>phar</i>	108 W. 138	Powell, J. † 1 b	349 West End ave.
Plaisted, E. † <i>gr</i>	126 E. 19	Powell, M. L. † <i>nm gr</i>	567 W. 113
Plank, E. F. 1 c		Powell, M. L. W. † 4 b	
	921 St. Marks ave., Bklyn.		349 West End ave.
Plank, L. R. <i>gr</i>	600 W. 122	Powell, M. W. † 4 <i>pa</i>	
Planpied, C. W. <i>gr</i>			915 President, Bklyn.
	279 Willow ave., Lyndhurst, N. J.	Powell, S. H. † <i>nm pa</i>	
Platt, H. † 1 b	210 W. 110		55 Glen Ridge ave., Glen Ridge, N. J.
Plattler, F. J. <i>gr ed</i>		Powell, N. H. † <i>gr</i>	540 W. 122
Platzker, J. S. <i>phar</i>	33 St. Marks Pl.	Pranspill, A. 2 c	225 E. 79
Plein, L. N. 1 c	2791 Briggs ave.	Prashker, L. <i>gr ed</i>	920 Prospect ave.
Pleus, H. 3 c	159 Sixth ave.	Pratt, G. S. <i>gr ed</i>	Spring Valley N. Y.
Plough, N. † 2 b	322 W. 100	Pratt, L. C. 2 j	425 W. 118
Plunkett, C. R. 4 c	Grantwood, N. J.	Pray, F. † 3 <i>pa</i>	Whittier
Podoloff, D. a	Furnald	Press, A. <i>gr</i>	64 W. 12
Poess, A. <i>nm gr</i>	64 W. 12	Price, I. I. 2 c	786 E. 183
Pohlmann, H. F., Jr. 3 c	540 W. 113	Price, M. † 2 <i>pa</i>	106 Morningside Dr.
Pollitzer, A. † 3 b	51 E. 60	Price, R. K. † 3 <i>pa</i>	Whittier
Pollitzer, A. K. † <i>gr ed</i>	51 E. 60	Prichard, E. Z. † <i>gr ed</i>	420 W. 121
Pollitzer, A. S. † 4 <i>pa</i>	31 W. 87	Prilik, B. <i>phar</i>	658 Grand, Bklyn.
Pollock, R. † <i>gr ed</i>	419 W. 121	Pringle, J. G. 3 s	3242 Broadway
Polon, A. <i>nm gr</i>	890 Tiffany	Pritchard, E. † <i>gr</i>	102 W. 93
Ponemone, I. W. 3 c		Pritchard, E. W. † 3 b	419 W. 119
	453 Graham ave., Bklyn.	Pritchard, A. M.	405 W. 118
Poole, S. † 2 b	Brooks	Pritchett, I. W. † <i>gr ed</i>	22 E. 91
Pooler, L. G. 1 c	612 W. 116	Probst, N., Jr. 2 c	52 St. Marks Pl.
Pope, H. M. † <i>nm pa</i>	519 W. 123	Prochazka, J. A. 2 c	138 W. 13
Popkin, M. <i>gr</i>	3 E. 114	Proctor, G. 1 c	
Popper, L. J. 1 j	160 Broad, Newark		1571 Eastern Parkway, Bklyn.
Popper, O. † 4 b	77 E. 8	Proffitt, C. G. 3 c	Livingston
Pore, O. E. <i>gr ed</i>	557 W. 124	Proffitt, H. W. 1 c	Livingston
Porfilio, F. M. 1 c	2338 Beaumont ave.	Prote, J. C., Jr. <i>phar</i>	195 Main, Astoria
Porges, R. † 3 <i>pa</i>	23 W. 70	Prybil, P. 1 c	14 E. 83
Porter, C. E. † 1 <i>pa</i>	Whittier	Pryor, B. † 4 <i>pa</i>	519 W. 121
Porter, E. E. 1 l		Pryor, H. <i>gr ed</i>	Livingston
	1025 Prospect Pl., Bklyn.	Pudney, W. 3 m	437 W. 59
Porter, H. † 1 <i>pa</i>	Whittier	Puerschner, O. † 1 b	
Porter H. L. K. † <i>gr</i>			1173 Jefferson ave., Bklyn.
	155 Gates ave. Montclair N. J.	Pugh, J. H. 1 c	243 W. 12
Porter, L. C. <i>gr ed</i>	345 W. 57	Puleo, D. A. 1 m	496 E. Houston
Porter, L. W. † <i>gr</i>	450 West End ave.	Pulsifer, A. E. <i>nm pa</i>	8 W. 65
Porterfield, F. † 3 <i>pa</i>	Whittier	Purcell, R. R. 4 <i>pa</i>	51 Quincy, Bklyn.

- Purchas, A. E., Jr. *nm c* Hotel Seville  
Purdy, C. *a* Livingston  
Purdy, H. A. † 2 *b* Croton-on-Hudson  
Purdy, J. H., Jr. 3 *l* 14 W. 122  
Purefoy, L. † 4 *pa* 106 Morningside Dr.  
Pursley, E. S. † *gr ed* Whittier  
Pyburn, P. F., Jr. 1 *s* 600 Franklin ave., Bklyn.  
Pyle, G. J. *gr* 175 Ninth ave.  
Pyle, H. J. 3 *m* 400 W. 57  
Pyle, S. D. *gr ed* 469 Washington ave., Bklyn.  
Quackenbos, K. † 3 *b* 127 W. 73  
Quesada, E. † *gr* 415 W. 115  
Quigg, M. T. 3 *l* 435 West End ave.  
Quigley, J. G. † 4 *ed* 100 Morningside Dr.  
Quigley, T. E. 2 *m* 350 W. 56  
Quigley, T. H. *gr* 26 Madison ave., Jersey City  
Quijano, J. I. 1 *c* 115 Pelham Rd., New Rochelle  
Quillard, F. † 3 *pa* 519 W. 121  
Quinn, E. J. *gr ed* 326 Anderson ave.  
Quinn, J. M. 2 *m* 814 Greenwood ave., Richmond Hill  
Quint, W. S. 2 *m* 450 St. Nicholas ave.  
Quirk, J. G. *nm l* 2118 Valentine ave.  
Rabe, L. W. *gr* 537 W. 121  
Rabinoff, E. † *gr* 2480 Grand Boulevard  
Rabinovitch, I. *phar* 674 Lexington ave.  
Rabinowitz, B. *gr ed* 159 Marcy ave., Bklyn.  
Rabinowitz, H. † 1 *pa* 142 Manhattan ave., Jersey City  
Rabinowitz, H. R. 4 *c* 140 Henry  
Race, E. S. 1 *c* Herkimer  
Radcliff, C. A. 54 Post, Yonkers  
Radcliff, P. E. Jr. 1 *c* 12 Stanley Pl., Yonkers  
Radeloff, J. A. 2 *l* 129 Manhattan ave., Bklyn.  
Radin, M. J. 4 *m* 322 W. 115  
Radley, H. C. *nm ed* Stony Point, N. Y.  
Rado, A. *gr ed* Scarsdale, N. Y.  
Rado, H. R. 4 *c* 142 S. Ninth ave., Mt. Vernon  
Raegener, L. C., Jr. 1 *c* 30 W. 74  
Rafferty, M. † 3 *pa* Whittier  
Ragan, E. † *gr* 501 W. 121  
Raggie, B. I. † *phar* 819 Pavonia ave., Jersey City  
Rahmann, W. 4 *c* Ossining  
Raia, A. E. 1 *l*  
Raimondo, A. F. 1 *c* 344 E. 120  
Raines, M. A. *gr* 764 E. 161  
Raisch, W. L. *nm pa* 200 W. 109  
Raisin, M. *gr* 530 McDonough, Bklyn.  
Raisin, S. F. † *nm ed* 1655 Mt. Hope ave.  
Rake, E. M. † *nm ed* Chatham, N. J.  
Rakowitz, S. *gr* 360 S. 4, Bklyn.  
Ramsay, M. † *nm ed* 118 Montague, Bklyn.  
Ramsey, E. † *gr ed* 430 W. 118  
Ramsey, G. H. 3 *m* 334 W. 56  
Randall, C. F. *nm ed* 527 W. 121  
Randall, F. O. *nm ed* 434 W. 124  
Randall, J. A. 4 *m* 346 W. 57  
Randall, J. H., Jr. 1 *c* 28 W. 127  
Randall, L. L. † 4 *pa* 520 W. 122  
Randell, D. † 2 *b* 6 W. 112  
Randolph, A. F. 4 *s* 209 E. 7, Plainfield  
Randolph, M. L. † *gr* 76 S. 10, Bklyn.  
Randolph, W. G. 1 *s* 630 W. 147  
Rankin, B. F. 2 *m* 334 W. 56  
Rankin, H. B. *nm pa* 439 Johnstone, Perth Amboy  
Rankin, W. 1 *c* 751 High, Newark  
Ransohoff, N. S. 3 *c* 308 W. 93  
Raphael, J. S. 3 *l* 204 W. 143  
Rapoport, E. 3 *m* 204 Henry  
Rappaport, J. L. 3 *l* 66 Ft. Washington ave.  
Rappoport, G. S. *gr ed* 1519 St. Marks ave., Bklyn.  
Rasey, D. † 1 *pa* Whittier  
Rasinsky, M. *nm l* 197 Market, Paterson  
Rasori, F. 4 *s* 29 Stevens, Long Island City  
Rast, H. E. † 1 *pa* 109 W. 225  
Rathbone, G. O. † 2 *b* 45 E. 78  
Rathbun, M. R. † *nm ed* 503 W. 121  
Rau, H. † 2 *b* 319 W. 108  
Rau, H. L. G. 1 *c* 319 W. 108  
Rauch, N. A. *gr* 108 W. 25  
Ravend, E. † 3 *pa* Whittier  
Ravenel E. † 3 *pa* Whittier  
Raviez, L. G. *gr* 617 W. 143  
Rawk, G. B. † *nm pa* 501 W. 121  
Rawson, A. † 1 *pa* Whittier  
Ray, B. F. *gr* Madison, N. J.  
Rayle, A. A., Jr. 4 *m* Livingston  
Raymond, B. 3 *c* 517 W. 113  
Raymond, C. 2 *c* 405 W. 118  
Raymond, H. C. *gr* 49 W. 49  
Raymond, M. V. † 1 *pa* 2832 Marion ave.  
Raynor, C. † *sp b* Brooks  
Read, N. H. *gr* Vanderbilt ave. & 44  
Reagan, C. A. 3 *c* Livingston  
Reagan, D. J. 4 *c* 3 Washington Sq.  
Reagle, F. 1 *pa* Boonton, N. J.  
Reanick, J. *phar* 236 Madison  
Reaser, D. Y. † 4 *b* 15 Arden Pl., Yonkers



- Reavis, G. H. *gr ed* 537 W. 121  
 Rebecca, P. *gr ed* 1376 Pacific, Bklyn.  
 Recio, F. A. 4 *pa* 468 Riverside Dr.  
 Reder, F. † 1 *b* 564 Fox  
 Redman, B. R. *nm c* Bronxville  
 Redmond, J. L. *nm a* 701 Park ave.  
 Redmond, K. † *nm ed* 34 Vermilyea ave.  
 Redmond, R. L. 2 *l* 535 Park ave.  
 Redpath, A. G. 2 *c* Hartley  
 Reed, A. A. *gr ed* 420 W. 118  
 Reed, R. W. † 4 *pa* Whittier  
 Reeder, R. R., Jr. 4 *c* 565 W. 113  
 Rees, F. † 4 *b* 39 Claremont ave.  
 Reese, R. 2 *c* 25 Lincoln Terrace, Yonkers  
 Reese, R. A. *nm l* Hartley  
 Reeves, C. W. 4 *c* Fernald  
 Refregier, L. E. † 2 *b* 419 W. 115  
 Regan, C. † *gr* 127 W. 121  
 Regan, H. † *nm gr* 127 W. 121  
 Regan, J. G. 2 *c* 80 W. 120  
 Regan, M. A. † *nm ed* 2 E. 128  
 Regard, L. J. *gr* 707 Amsterdam ave.  
 Reges, C. H. *gr* 304 Grand Ave., Astoria  
 Reges, E. R. † 4 *b* 304 Grand ave., Astoria  
 Rehill, G. † *nm ed* 49 Grove, White Plains  
 Rehlaender, D. L. 2 *c* Hartley  
 Reichhard, L. G. 3 *s* 434 Central Park West  
 Reichle, H. S. 2 *c* Hartley  
 Reid, A. C. † 3 *b* 302-74th, Bklyn.  
 Reid, E. M. † 1 *b* 44 N. Tenth ave., Mt. Vernon  
 Reid, J. 1 *s* 405 W. 118  
 Reidy, K. L. † 4 *ed* 169 E. 90  
 Reigart, K. M. † 4 *pa* 31 Euclid ave., Yonkers  
 Reilly, M. M. † 4 *pa* Whittier  
 Reinheimer, C. † *gr* 609 W. 115  
 Reinheimer, H. E. 2 *c* 49 W. 70  
 Reinke, E. A. † 2 *b* 629 W. 138  
 Reisner, W. L. *gr ed* 2040 Fifth ave.  
 Reiss, G. A. 3 *l* 1038 Grove, Elizabeth  
 Reizenstein, E. L. *nm gr* 44 Morningside Dr.  
 Reizenstein, H. L., † *nm ed* 44 Morningside Dr.  
 Relkin, A. S. *phar* 1292 Amsterdam ave.  
 Remsen, M. J. 2 *l* Hollis ave., Queens  
 Remsen, R. 2 *l* Hollis ave., Queens  
 Remser, R. 1 *m* 88 First ave.  
 Renard, F. A. 3 *s* 216 W. 70  
 Rennemann, J. *phar* 207 Twelfth ave., Long Island City  
 Rennie, C. R. 1 *c* 230 W. 141  
 Renwick, J. S. 1 *j* 608 W. 113  
 Repko, S. A. 3 *l* Queens Rd., Queens  
 Replogle, I. B. *gr* 418 W. 118  
 Requa, C. S. † 2 *b* Brooks  
 Ress, C. H. † 4 *pa* 666 Willoughby ave., Bklyn.  
 Rettker, W. F. 3 *c* 531 W. 123  
 Retzlaff, W. *phar* 341 W. 50  
 Reuben, M. H. 2 *l* 205 W. 106  
 Reumann, M. † 4 *pa* 160 Claremont ave.  
 Reumann, O. G. *gr* 160 Claremont ave.  
 Reuter, L. H. 2 *l* 51 E. 61  
 Reuther, E. M. † *nm gr* 99 Claremont ave.  
 Reviewk, E. 1 520 W. 120  
 Reynolds, G. † *nm ed* 417 W. 120  
 Reynolds, G. *nm pa* 360 E. 195  
 Reynolds, I. E. † 3 *pa* Whittier  
 Reynolds, J. B. 1 *l* 565 W. 113  
 Reynolds, M. † *nm ed* 186 Stewart ave., Arlington  
 Reynolds, M. M. † *gr* 61 Pierrepont, Bklyn.  
 Reynolds, W. F. 1 *l* 36 W. 52  
 Rhinelander, P., 2nd 2 *c* 36 W. 52  
 Rhodebeck, E. 2 *c* 10 Cypress ave., Flushing  
 Rhodes, E. † 3 *pa* Whittier  
 Rhodes, M. V. † *gr ed* 226 Ninth ave.  
 Rhodes, P. B. *phar* 226 Ninth ave.  
 Rhyne, J. O. 1 *l* Livingston  
 Riblet, G. E. † *gr ed* 420 W. 116  
 Rice, E. † 2 *pa* 501 W. 121  
 Rice, F. W. 3 *m* 4701 Eleventh ave., Bklyn.  
 Rice, J. 2 *l* 2109 Broadway  
 Richard, E. K. 2 *m* 12 W. 103  
 Richard, L. 3 *m* 55 E. 65  
 Richards, D. M. † *nm ed* 419 W. 121  
 Richards, H. D. † *gr* 419 W. 121  
 Richards, O. E. *gr* 419 W. 121  
 Richardson, A. C. *nm pa* 116 Union ave., Mt. Vernon  
 Richardson, A. F. 1 *c* 839 Jennings  
 Richardson, A. W. 1 *c* 966 Woodycrest ave.  
 Richardson, E. L. † 3 *pa* Whittier  
 Richardson, G. A. *phar* 152 Virginia ave., Jersey City  
 Richardson, I. C. † 4 *pa* Whittier  
 Richardson, M. † 4 *pa* 200 W. 54  
 Richardson, R. *phar* 115 W. 68  
 Richardson, W. C. *gr* 500 E. 18, Bklyn.  
 Richie, M. † 1 *pa* 105 St. James Pl., Bklyn.  
 Richmond, F. M. *nm pa* Hartley  
 Richmond, L. E. † *gr* 17 Park Pl., Rockville Center, N. Y.  
 Richmond, R. S. 1 *j* 127 W. 43  
 Ricker, D. J. *gr ed* 215 W. 23

- Ricker, K. † 1 *pa* 418 W. 118  
 Ridley, H. E. † 1 *pa* 622 W. 135  
 Ridley, J. T. † 2 *pa*  
     414 Myrtle ave., Bklyn.  
 Riegelman, H. 3 *l* 166 W. 87  
 Ries, E. H. † 3 *b* 530 W. 157  
 Riggs, E. E. † *gr ed*  
     30 Ridgeview ave., White Plains  
 Riggs, R. R. 2 *l* 12 W. 44  
 Righi, A. H. 2 *c* 82 W. Washington Pl.  
 Riis, M. † *nm gr* 48 Henry  
 Riker, A., Jr. *gr*  
     169 Clinton ave., Newark  
 Riley, G. W. 3 *c*  
     1418 St. Marks ave., Bklyn.  
 Riley, J. L. *gr ed*  
 Riley, M. † *gr ed*  
     869 St. Johns Pl., Bklyn.  
 Riley, R. † 1 *pa* 434 W. 120  
 Ringwood, I. C. † *gr* 430 W. 119  
 Ripin, M. M. 2 *c* 1855 Seventh ave.  
 Riseley, J. H. 3rd 3 *j* 204 W. 118  
 Rishell, P. W. *gr* University Heights  
 Risley, W. L. *a* Hartley  
 Ritt, J. F. *gr* 253 Liberty ave., Bklyn.  
 Rittenberg, B. † 4 *b* 5 W. 91  
 Ritter, F. O. *gr* 756 Jennings  
 Ritter, H. 4 *ed*  
     857 Lafayette ave., Bklyn.  
 Ritter, H. J. 2 *c* 434 W. 164  
 Ritter, I. S. 2 *m* 243 W. 122  
 Ritter, L. J. 3 *c* 756 Jennings  
 Ritti, M. M. † *gr* 521 E. 84  
 Riva-Zucchelli, J. *gr* 110 W. 49  
 Rivelson, S. M. 3 *c*  
     430 Sheffield ave., Bklyn.  
 Rizzo, P. *phar* 215 E. 118  
 Roach, C. E. 1 *c* Hartley  
 Robb, C. † 2 *b*  
     Fairview Park, Tuckahoe  
 Robb, E. † *nm ed* 420 W. 119  
 Robb, E. † *nm ed* 420 W. 121  
 Robbin, L. 2 *m* 332 W. 55  
 Robbins, H. S. 2 *c*  
     804 Undercliff ave., Edgewater  
 Robbins, J. † 2 *b* 849 St. Nicholas ave.  
 Robertiello, A. 3 *m* 318 W. 15  
 Roberts, C. K. 1 *m* 170 W. 59  
 Roberts, C. M. 3 *l* Livingston  
 Roberts, E. † *gr* Whittier  
 Roberts, G. B. 3 *j*  
     S. Highland ave., Ossining  
 Roberts, G. H., Jr 4 *c* 540 W. 113  
 Roberts, H. H. † *nm gr* 419 W. 119  
 Roberts, H. L. 4 *c* 627 W. 113  
 Roberts, H. W. † 4 *j* 414 W. 120  
 Roberts, M. J. 2 *c* 627 W. 113  
 Roberts, R. R. *gr* Madison, N. J.  
 Roberts, W. H. *gr ed* Livingston  
 Robertson, D. J. C. 1 *l*  
     51 Eighth ave., Bklyn.  
 Robertston, D. V. † *gr ed*  
     Morris Plains, N. J.  
 Robertson, H. W. *gr* 540 W. 113  
 Robertson, L. J. † 4 *pa* Whittier  
 Robertson, M. J. † 2 *pa* 340 W. 85  
 Robertson, W. D. *nm pa* 420 W. 118  
 Robinson, A. C., 3rd *a* Livingston  
 Robinson, A. E. † *gr ed* 145 E. 21  
 Robinson, A. M. † *gr* 1420 Boscobel ave.  
 Robinson, C. W. *gr* 425 W. 114  
 Robinson, D. D. 2 *l* Livingston  
 Robinson, E. M. † 4 *ed* 131 E. 15  
 Robinson, J. H. *gr* 528 W. 124  
 Robinson, L. R. *gr*  
     79 Carnegie ave., East Orange  
 Robinson, M. E. † *gr ed*  
     437 Ovington ave., Bklyn.  
 Robinson, M. E. *nm ed* Dobbs Ferry  
 Robinson, M. K. 3 *l* Livingston  
 Robinson, M. L. † *gr ed* 541 W. 123  
 Robinson, M. S. 1 *m* 16 E. 110  
 Robinson, P. B. *nm gr* 45 E. 84  
 Robinson, T. A. 3 *c* Livingston  
 Robinson, V. 1 *m*  
     12 Mt. Morris Park West  
 Robinson, W. S. 1 *c* Hartley  
 Robison, L. 2 *pa*  
     348 N. Fulton ave., Mt Vernon  
 Robius, J. *phar* 683 Wales ave.  
 Robson, M. E. † *gr* 404 Pleasant ave.  
 Rocco, J. *phar* 321 E. 112  
 Rochester, W. A. *nm c*  
     149 Cornelia, Bklyn.  
 Rockman, A. S. 4 *s*  
     199 Columbia, Bklyn.  
 Rockwell, H. W. *gr ed*  
     16 Lake, White Plains  
 Roddy, G. *gr ed* 543 W. 123  
 Rodgers, M. *nm pa* 1971 Seventh ave.  
 Rodgers, M. W. 1 *c* 161 W. 86  
 Rodman, N. 3 *s* 124 W. 102  
 Roeder, M. S. † *nm ed*  
     410 West End ave.  
 Rogaliss, M. E. *gr ed* 600 W. 183  
 Rogan, E. M. † *gr*  
     76 Hawthorne ave., Yonkers  
 Rogenmoser, H. † 3 *pa*  
     210 Third ave., Mt. Vernon  
 Roger, I. E. † *nm ed*  
     11 Columbus ave., Port Chester  
 Rogers, A. L. † *gr ed* 419 W. 119  
 Rogers, E. F. † *gr* 424 W. 119  
 Rogers, E. G. † *gr ed* 519 W. 121  
 Rogers, F. W. 1 *c*  
     21 Park ave., Mt. Vernon  
 Rogers, G. G. 3 *c* 435 W. 117  
 Rogers, G. M. 1 *c* 22 Post ave.

Rogers, H. B. *nm j*  
381 Irving ave., Port Chester  
Rogers, H. M. 1 *c* 790 Riverside Dr.  
Rogers, H. M. 2 *c* 627 W. 115  
Rogers, H. W. *gr* 240 E. 51  
Rogers, J. F. 1 *c* Hartley  
Rogers, J. W. *nm l* Hartley  
Rogers, M. P. † *gr ed* 420 W. 121  
Rogers, M. W. † *gr ed* 436 Audubon ave.  
Rogers, P. A. 1 *c* Hartley  
Rogers, R. B. 3 *m* 260 W. 72  
Rogers, R. M. 1 *c* 1 Wallace, Newark  
Rogers, S. † 3 *b* 49 Locust, Flushing  
Rogoff, S. *phar* 1145 Fox  
Rohdenburg, E. L. 1 *c* 230 E. 61  
Rohr, M. E. † *nm ed* 510 W. 124  
Roland, P. W. *gr* 3178 Park ave.  
Rolf, I. P. † 4 *b* 710 Oakland Pl.  
Rolf, A. L. † *gr ed* Whittier  
Roll, R. † *gr* 201 E. 82  
Roller, G. H. *gr* Furnald  
Romagnano, O. *phar* 170 Worth  
Romaine, R. B. *nm l* 290 West End ave.  
Rome, S. J. 3 *pa* 100 Morningside Dr.  
Romeo, D. 4 *s* 752 E. 226  
Romer, H. D. † *gr ed* 527 W. 121  
Romig, E. B. *gr* 600 W. 122  
Rood, E. C. † 1 *pa* Pleasantville  
Roosa, E. *phar* 31 Elizabeth, Ossining  
Roose, G. † 1 *pa* Whittier  
Root, G. F., 3 *a* 309 W. 92  
Ros, M. † 3 *b* 808 West End ave.  
Rosa, N. *phar* 45 Spring  
Rosanio, N. *phar* 36 Garden Pl., Bklyn.  
Rosati, V. *phar*  
685 Vernon ave., Long Island City  
Rose, H. A. 2 *c*  
111 N. Ninth ave., Mt. Vernon  
Rose, H. D. *nm l* 53 E. 34  
Rose, J. M. 2 *l* Furnald  
Rose, M. † *gr*  
Rose, N. 1 *c* 412 E. 79  
Rosen, A. 3 *l* 113 W. 4, Mt. Vernon  
Rosen, A. 2 *j* 25 Meserole, Bklyn.  
Rosen, B. *gr ed* 414 Stone ave.  
Rosen, H. *phar* 259 W. 143  
Rosen, H. W. 2 *c* 166 Pulaski, Bklyn.  
Rosen, I. N., 2 *c* 29 Hubert, Bklyn.  
Rosen, J. M. 1 *c* 1567 Wilkins Ave.  
Rosen, M. S. 1 *c* 112 W. 114  
Rosenbaum, A. *phar* 961 E. 173  
Rosenbaum, J. † 4 *b* 215 W. 101  
Rosenberg, J. D. 3 *c* 62 E. 83  
Rosenberg, J. H. *phar*  
1339 Prospect ave.  
Rosenberg, M. *phar* 101 W. 143  
Rosenberg, S. R. † 1 *b* 842 Kelly  
Rosenberry, J. † 3 *pa* 312 W. 116  
Rosenberry, J. R. *gr ed* 312 W. 116

Rosenbloom, I. L. *phar* 115 W. 68  
Rosenblum, D. I. 2 *c*  
346 Bradford, Bklyn.  
Rosenfeld, A. A. † *gr* 530 W. 124  
Rosenfeld, H. M. † 2 *pa*  
668 Riverside Dr.  
Rosenfeld, R. † 3 *pa* 1043 Morris ave.  
Rosenfeld, S. 1 *c* 34 McKibben, Bklyn.  
Rosenman, J. 4 *m* 24 E. 48  
Roseman, S. I. 1 *l* 1858 Seventh ave.  
Rosenstadt, B. † *gr* 4 John, Jamaica  
Rosenstein, D. *gr* 85 Attorney  
Rosenstock, F. M. 2 *l* 600 W. 165  
Rosenzweig, E. † 2 *b* Brooks  
Rosenthal, A. 2 *pa* 15 W. 112  
Rosenthal, E. † 1 *b* 21 Claremont ave.  
Rosenthal, G. J. *gr* 100 W. 121  
Rosenthal, J. *gr* 1383 Fifth ave.  
Rosenthal, M. S. 2 *c* 26 W. 90  
Rosenthal, R. J. † 3 *j*  
12 Sound View ave., New Rochelle  
Rosenthal, W. J. 2 *l* 237 W. 113  
Rosenzweig, J. 2 *c* 315 Main, Hackensack  
Rosenzweig, M. 1 *c* 807 Cauldwell ave.  
Rosenzweig, M. 2 *m* 163 Lenox ave.  
Rosenzweig, M. 3 *s* 974 St. Nicholas ave.  
Ross, A. † *gr* 251 Littleton ave., Newark  
Ross, G. † 3 *b* 852 Union, Bklyn.  
Ross, L. D. *gr* 669 Gates ave., Bklyn.  
Ross, M. E. † 4 *j* 119 Washington Pl.  
Rossbach, M. † *gr* 45 E. 82  
Rotgard, I. 4 *c* 819 E. 166  
Roth, H. M. † *gr*  
2344 Putnam ave., Bklyn.  
Rothenberg, D. M. 3 *m*  
155 Herzl, Bklyn.  
Rothenberg, W. 4 *c* 1246-39th, Bklyn.  
Rothenstein, J. A. *gr ed*  
376 New Jersey ave., Bklyn.  
Rothermel, E. S. † *nm ed*  
46 S. Walnut, East Orange  
Rothgeb, J. B. † *gr ed* Whittier  
Rothman, A. 3 *j* 64 E. 4  
Rothschild, J. M. 1 *c* 145 W. 85  
Rothschild, M. † 2 *b* 145 W. 85  
Rotkowitz, H. 2 *l* 12 E. 85  
Roudin, L. V. 1 *c*  
335 Saratoga ave., Bklyn.  
Routt, G. C. *gr*  
22 Appleton Pl., Montclair  
Rovelstad, E. A. 4 *j* Furnald  
Rovenger, L. *phar* 551 W. 170  
Rovitch, J. *gr* 647 Cauldwell ave.  
Rowan, R. W. 4 *c* 616 W. 113  
Rowe, E. C. *gr* 390 Pacific, Bklyn.  
Rowe, S. † 3 *pa* 100 Morningside Dr.  
Rowell, C. M. † 4 *pa* Whittier  
Rowell, O. B. † 4 *pa*  
127 Fifth ave. E. Roselle, N. J.

- Rowell, V. E. † 1 b 403 W. 115  
 Rowitz, I. *phar* 85 Monmouth, Newark  
 Rowland, E. L. † 4 b 371 W. 120  
 Rowland, F. H. 4 c 531 W. 113  
 Rowland, W. T. *gr* 524 Riverside Dr.  
 Roy, M. M. 3 l Grandview, Nyack  
 Royce, H. † 4 pa 255 Tenafly Rd., Englewood  
 Rubenstein, F. † 2 b 183 Hooper, Bklyn.  
 Rubenstein, J. H. 4 c 360 Reid ave., Bklyn.  
 Rubin, H. S. 4 c 315 Broadway, Bayonne  
 Rubin, S. 3 l 86 Williams ave., Bklyn.  
 Rubinfeld, S. A. *phar* 104-2  
 Rudd, J. S. a 400 West End ave.  
 Ruderman, J. *phar* 4064 Third ave.  
 Ruderman, L. M. 3 m 72 W. 118  
 Rudersdorf, L. † 4 ed 519 W. 121  
 Ruff, B. † 1 b 537 W. 123  
 Ruhl, A. G. † 3 b 34 Winthrop ave., New Rochelle  
 Rukeyser, M. S. 3 j 790 Riverside Dr.  
 Ruland, D. † *gr ed* Patchogue, N. Y.  
 Rule, F. D. † 1 b Brooks  
 Rulofson, E. † 4 b Brooks  
 Runkle, E. A. † *gr* 70 Morningside Dr.  
 Runnels, R. O. *gr ed* Maplewood, N. J.  
 Rulon, R. S. *phar* Bay Shore  
 Ruppe, J. P. 1 c 427 W. 47  
 Russ, P. W. *gr* 903 Prospect ave.  
 Russakow, F. W. 2 c  
 Russell, C. M. *phar* 115 W. 68  
 Russell, D. M. † *gr* 611 W. 158  
 Russell, E. D. 1 c 461 Fort Washington ave.  
 Russell, F. M. *gr* 510 W. 124  
 Russell, G. † *gr* 423 W. 120  
 Russell, G. O. *nm ed* 63 W. 126  
 Russell, J. E., Jr. 3 c 558 W. 113  
 Russo, J. L. *gr*  
 Russotto, L. 1 c 953 Fox  
 Rust, E. G. † 4 pa 523 W. 122  
 Rustedt, M. B. *gr* 400 W. 118  
 Ruttman, F. 1 c 605 W. 141  
 Ruyder, A. C. *phar* 332 W. 55  
 Ryan, E. M. † 1 pa 99-2nd Pl., Bklyn.  
 Ryder, J. † *nm ed* 420 W. 121  
 Ryskind, M. 3 j 530 W. 147  
 Sabelson, A. † 3 b 537 W. 123  
 Sacharoff, L. S. 3 c 41 Graham ave., Bklyn.  
 Sachs, E. † 3 b 40 W. 117  
 Sachs, S. J. *phar* 241 Eldridge  
 Sacks, H. *phar* 147 E. 103  
 Safer, I. a 1801 Crotona ave.  
 Safir, S. R. *gr* 1638 Topping ave.  
 Sager, C. L. *nm l* 129 Lexington ave.  
 St. John, G. E. † 4 b 47 Claremont ave.  
 Sakamoto, Y. *gr* 189 W. 100  
 Sakson, M. W. *phar* 557 W. 144  
 Saland, G. 1 c 153 St. Marks ave., Bklyn.  
 Saliva, E. † 4 pa 251 W. 129  
 Salm, R. W. *phar* 600 Monroe ave., Elizabeth  
 Salom, R. † 4 b 415 Ft. Washington ave.  
 Salomon, A. V. 4 m 1065 Simpson  
 Salvatore, P. J. *gr* 500 E. 116  
 Salwen, D. † *gr* 1526-43rd, Bklyn.  
 Salwen, E. 3 m 1526-43rd, Bklyn.  
 Salwen, L. 1 c 176 S. 8, Bklyn.  
 Salzedo, P. P. 1 c 248 W. 139  
 Salzman, E. † 2 b 4721 Twelfth ave., Bklyn.  
 Salzman, M. *gr*  
 Sammes, W. H. 3 s Hartley  
 Samson, M. E. † *nm ed* 540 W. 114  
 Samuels, L. 2 l 64 W. 124  
 Samuels, S. S. 4 c 1165 Sterling Pl., Bklyn.  
 Samworth, R. P. 4 c 346 W. 57  
 Sanborn, A. † 2 b 468 Riverside Dr.  
 Sanborn, A. A. † *gr* 468 Riverside Dr.  
 Sanborn, F. R. 1 c 47 Brevoort Pl., Bklyn.  
 Sanborn, V. G. *gr* 468 Riverside Dr.  
 Sanborne, G. G. *gr* 1227 Park ave., Hoboken  
 Sandalls, G. T., Jr. 2 c 2028 Creston ave.  
 Sandberg, B. † *nm gr* 122 E. 107  
 Sandels, M. † 1 pa 519 W. 123  
 Sanders, E. I. *gr ed* 357 W. 118  
 Sanders, G. 4 c 200 W. 113  
 Sands, W. H. a 70 Morningside Dr.  
 Sanford, C. B. † *nm ed* Whittier  
 Sanford, F. D. 3 l 147 Ave. B  
 Sanford, H. R. 3 l Furnald  
 Sanford, M. B. *gr* Irvington-on-Hudson  
 Sanger, E. M. 3 j 730 Riverside Dr.  
 Sanmann, L. F. 4 m 428 Lafayette  
 Sapiro, D. *gr* 2251-83 rd, Bklyn.  
 Sargent, M. † 3 pa Whittier  
 Sarli, W. F. *phar* 11 Navy, Bklyn.  
 Sarlin, C. N. 1 c 19 Christopher  
 Sarré, A. J. 3 pa 401 W. 117  
 Satriale, G. A. *phar* 344 E. 120  
 Satz, D. M. 1 l 73a Thirteenth ave., Newark  
 Saul, A. M. † 3 b 124 W. 77  
 Saul, B. Jr. 3 s 1108 Intervale ave.  
 Saulpaugh, L. M. 3 c 1023 Grand Concourse  
 Saunders, H. † 1 b 251 W. 122  
 Saunders, L. S. † *nm ed* 420 W. 121  
 Saunders, S. J. † *gr* 552 Riverside Dr.  
 Savarese, J. *phar* 576 Hudson

Savery, E. B. 3 *pa* Park Ridge, N. J.  
 Saville, R. M. 2 *c* 431 W. 117  
 Savitz, J. S. *nm ed*  
 617 Lawrence ave., Westfield, N. J.  
 Sawada, G. *nm gr* Hartley  
 Sawyer, H. E. *gr* 175 Ninth ave.  
 Sayers, M. G. † *gr* Whittier  
 Saxl, N. T. 1 *m* 244 E. 72  
 Saxon, W. G. 1 *c* 223 E. 61  
 Sayford, M. † 1 *b* 353 W. 117  
 Sbarbaro, J. G. 3 *c*  
 Palisade ave., Fort Lee  
 Scafati, J. 1 *c* 481 Park ave., Bklyn.  
 Scarborough, E. D. † *gr*  
 150 Madison ave., Tompkinsville  
 Scardaccione, A. A. 3 *c* 669 E. 183  
 Scatchard, G. *gr* Furnald  
 Seeva, L. *gr* 523 W. 135  
 Schaaf, G. † 1 *b* 3411 Third ave.  
 Schachtel, V. R. 1 *c* 911 Summit ave.  
 Schad, F. 3 *s* 565 W. 113  
 Schaedle, T. G. 2 *c*  
 277 Manhattan ave., Bklyn.  
 Schaefer, E. E. † 4 *pa* Whittier  
 Schaeffer, L. † 3 *b* 416 E. 175  
 Schafer, J. E. † *nm gr*  
 246 West End ave.  
 Schafer, M. S. † *sp b* 25 W. 85  
 Schaffer, M. J. *phar* Furnald  
 Schaffers, M. P. 2 *l* Hartley  
 Schang, F. C., Jr. *gr* 166 W. 129  
 Schantin, G. W. *gr ed* Livingston  
 Schapiro, A. *gr* 460 E. 186  
 Schapiro, E. R. † *gr ed* 1088 Bryant ave.  
 Schapiro, J. *gr ed* 2081 Vyse ave.  
 Schapiro, M. L. † 2 *pa* 529 W. 123  
 Schatz, J. *phar* 460 Brook ave.  
 Schatz, L. M. 2 *l*  
 Schawaroch, J. T. *nm pa*  
 9 Medina Pl., Elmhurst  
 Schechter, A. E. † *gr ed*  
 468 Riverside Dr.  
 Schede, J. W. 3 *s* 531 W. 113  
 Schein, L. *phar* 1575 Bathgate ave.  
 Scheinberg, A. J. 1 *pa* 66 Montgomery  
 Schellenberg, R. † 3 *pa*  
 224 Carlton ave., Bklyn.  
 Schenck, C. F. 1 *s*  
 904 W. Front, Plainfield  
 Schenck, H. *gr* 1490 Riverside Dr.  
 Schenck, W. 3 *c* Rocky Hill Rd., Bayside  
 Schenkman, J. *phar* 244 E. 13  
 Scherpich, E. A. 4 *c* 540 W. 113  
 Scheuer, S. F. *phar* 610 W. 135  
 Schiff, E. † 2 *b* 275 Central Pk. West  
 Schiff, J. H. 2 *c* 275 Central Pk. West  
 Schiff, L. 1 *c* 355 West End ave.  
 Schiffenhaus, I. † 4 *pa*  
 35 Hillside ave., Newark

Schiffman, C. D. 4 *s* 142 W. 112  
 Schiffman, J. *phar* 226 E. 119  
 Schimpf, W. H. 1 *m* 443 W. 34  
 Schindler, C. R. † 2 *pa* 730 Riverside Dr.  
 Schindler, E. *gr* 182 Front  
 Schlang, L. † 2 *b* 435-4th, Bklyn.  
 Schlauch, M. † 1 *b*  
 Hasbrouck Heights, N. J.  
 Schleiter, F. *gr* 800 E. 173  
 Schlesinger, B. † 4 *pa*  
 275 Central Park West  
 Schlesinger, D. 3 *c* 256 W. 97  
 Schlessel, L. 1 *c*  
 334 Hopkinson ave., Bklyn.  
 Schleussner, R. 4 *m* 360 W. 23  
 Schloss, J. M. 3 *s* 1 W. 68  
 Schluter, W. C. *gr* Livingston  
 Schmalig, J. 1 *c* Port Chester  
 Schmalzried, E. W. 2 *m*  
 85 N. Grove, East Orange  
 Schmelzel, J. H., Jr. 2 *c* 18 W. 56  
 Schmerer, M. *phar* 276 Ave. A.  
 Schmidt, E. † *gr* 548 W. 164  
 Schmidt, E. † 3 *pa* 400 W. 153  
 Schmidt, L. C. *phar*  
 612 Hudson, Hoboken  
 Schmidt, M. † *gr* 435 W. 23  
 Schmidt, R. H. *gr*  
 241 Atlantic, Hackensack  
 Schmitt, H. M. † 4 *pa* 430 W. 118  
 Schmitt, J. B. † *nm ed*  
 464 Irving ave., Bklyn.  
 Schmitt, R. L. 3 *c* 540 W. 113  
 Schmuckler, J. H. *gr* 1427 Madison ave.  
 Schneider, A. A. *gr* 2196 Dean, Bklyn.  
 Schneider, H. W. *gr* 417 W. 120  
 Schneider, J. 2 *c*  
 625 Kinney Bldg., Newark  
 Schneider, W. S. *gr ed* 423 W. 118  
 Schneiderman, D. *phar* 244 W. 35  
 Schoder, E. C. † 2 *pa* 2438 Morris ave.  
 Schoemacker, L. F. 1 *c* 47 Claremont ave.  
 Schoenberg, D. *phar* 117 E. 100  
 Schoenbrod, E. J. 2 *c* 1923 Daly ave.  
 Schoenfeld, J. W. 2 *l* Furnald  
 Schoenfeldt, E. N. † *gr* 991 E. 167  
 Schoening, F. *nm pa* 504 W. 131  
 Schoenzeit, E. 4 *c* 35 E. 7  
 Scholl, L. A., Jr. 4 *s* 419 W. 115  
 Scholz, M. A. † 1 *pa* 3203 Third ave.  
 Scholz, T. 4 *m* 66 E. 236  
 Schonberg, M. *gr* Bronxville  
 Schoolfield, R. F. 1 *l* Livingston  
 Schoonover, E. † *gr ed* Whittier  
 Schoonover, F. S., Jr. 2 *m* 3 E. 45  
 Schradieck, C. E. *gr* 515-62nd, Bklyn.  
 Schragenheim, B. † *gr* 31 W. 110  
 Schram, C. F. N. 4 *m*  
 35 Pineapple, Bklyn.

- Schriever, J. H. 1 c New City  
 Schube, S. A. *phar* Englewood  
 Schubert, E. † *gr ed* Three Bridges, N. J.  
 Schulman, G. *nm pa* 167 Norfolk  
 Schulman, J. J. *nm l* 1306 St. Nicholas ave.  
 Schulman, S. † 2 b 213 Penn, Bklyn.  
 Schulte, A. P. † 4 b 3089 Broadway  
 Schulte, H. A. 3 c 538 W. 114  
 Schultz, E. S. *gr* 501 W. 123  
 Schumann, E. † 2 b Brooks  
 Schurmeier, T. *nm gr* 232 E. 79  
 Schussheim, M. 1 c 86 Columbia  
 Schuster, M. † 1 b 467 W. 163  
 Schuster, M. L. 3 c 2087 Amsterdam ave.  
 Schuyler, E. T. † *gr ed* 419 W. 121  
 Schuyler, G. † 4 b 509 W. 142  
 Schwab, R. C. *gr ed* 420 W. 118  
 Schwanda, C. B. 2 c Winfield Junction  
 Schwanda, W. E. 4 c Winfield Junction  
 Schwaner, R. M. 1 c Livingston  
 Schwarte, V. M. † *gr* 3287 Broadway  
 Schwartz, I. A. *gr ed* 125 W. 112  
 Schwartz, M. † 4 *pa* Whittier  
 Schwartz, M. *phar* 437 E. 12  
 Schwartz, P. 2 c 212 Washington, Jersey City  
 Schwartz, S. † *gr ed* 371 W. 117  
 Schwartz, S. H. 3 l 301 W. Kinney, Newark  
 Schwarz, H. 3 c 603 W. 111  
 Schwarz, H. E. a 616 W. 114  
 Schwarz, I. I. *phar* 30 Osborne Terrace, Newark  
 Schwarz, P. 3 l 32 Marble Hill ave.  
 Schwarzbath, M. *gr* 444 Grand  
 Schwarzkopf, C. B. † 1 *pa* 138 E. 95  
 Schwetz, A. *phar* 124 W. 99  
 Scilipoti, R. W. *phar* 1728 Van Buren  
 Scofield, G. W. 4 c 362 Riverside Dr.  
 Scofield, L. S. 3 c 362 Riverside Dr.  
 Scott, C. A. † *gr ed* 22 Beech, Nutley, N. J.  
 Scott, F. D. *gr* 509 W. 122  
 Scott, F. E. *nm j* Furnald  
 Scott, F. M. † 2 *pa* Whittier  
 Scott, H. L. *gr* 420 W. 121  
 Scott, H. M. *gr* 600 W. 122  
 Scott, H. P. † 2 b Brooks  
 Scott, K. † 4 *ed* Whittier  
 Scott, M. B. † *nm pa* Whittier  
 Scott, R. † *gr ed* 526 W. 123  
 Scott, R. W. 3 l 214 W. 108  
 Scully, F. J. 3 j Furnald  
 Seabrook, E. T. † *nm ed* 275 Lafayette ave., Passaic  
 Seacrest, F. S. 1 j Furnald  
 Seadler, A. B. 2 j 416 W. 122  
 Seadler, S. F. 3 j 416 W. 122  
 Seal, H. C. *gr* Furnald  
 Sealy, D. F. 2 c 173 W. 81  
 Seaman, J. A. 2 m 86-1st  
 Searle, E. † 3 *pa* Whittier  
 Searles, E. † *nm ed* 25 Elysian ave., Nyack  
 Sears, M. L. 4 *pa* 106 Morningside Dr.  
 Sectors, F. † 2 *pa* Whittier  
 See, C. S. *gr* Furnald  
 See, E. E. † *nm pa* 523 W. 121  
 Seegers, J. C. *gr* 2040 Fifth ave.  
 Seehm-Simonowsky, A. 2 m 10 W. 98  
 Seelig, I. A. a 296 Bradford  
 Seessel, K. O. † 4 *ed* 300 W. 93  
 Seglin, H. S. 1 c 75 Ave. B  
 Seibern, W. 2 *pa* 182 Jewett ave., Jersey City  
 Seidlin, J. *gr ed* 352 W. 120  
 Seidlin, S. M. 1 c 173 Chauncey, Bklyn.  
 Seiferd, E. † 3 *pa* 320 E. 86  
 Seipp, E. † 4 b 188 Claremont ave.  
 Seitz, J. E., Jr. 4 s 184 Hunterdon, Newark  
 Seldowitz, M. 3 c 600 Fifth ave., Bklyn.  
 Selekmán, B. M. *gr* 184 Eldridge  
 Seligman, R. C. *gr* 38 E. 50  
 Seligsberg, A. F. *nm gr* 57 W. 58  
 Selikowitz, W. a 1017 Intervale ave.  
 Sell, L. L. 3 c 240 W. 122  
 Sellards, K. L. † *gr ed* 501 W. 121  
 Sellards, M. W. † *gr* 501 W. 121  
 Seltzer, L. S. † *gr* Whittier  
 Seltzow, L. *phar* 56 Jefferson  
 Semmes D. R. *gr* Livingston  
 Semon, J. *phar* 1554 Jamaica ave., Woodhaven  
 Senft, W. J. *phar* 855-60, Bklyn.  
 Seng, S. T. 4 c 414 W. 118  
 Sengstaken, C. W. 3 s 558 W. 113  
 Senior, M. † 2 b Brooks  
 Sepulveda, B. A. † *nm ed* Whittier  
 Serafino, F. 1 c 128 Greenwich  
 Sergeant, W. † 2 *pa* Corcoran Manor, Mt. Vernon  
 Sermolino, M. † 3 j 40 W. 8  
 Serra, F. 1 c 599 Boulevard, Long Island City  
 Sesta, J. A. *phar* 388-1st, Jersey City  
 Seton, M. † *nm b* 7 W. 52  
 Setsuso, T. *nm gr* 266 W. 127  
 Severance, F. T. 1 l 523 W. 138  
 Severinghaus, A. E. 3 c 417 W. 120  
 Severins, P. *phar* 181 Thompson  
 Seyfarth, E. A. † *nm ed* 305 E. 161  
 Seymour, L. S. † *gr* 315 W. 77  
 Seymour, M. F. † *gr ed* 44 Church, New Rochelle  
 Shackleton, C. E. † *gr* 219 E. 27

Shafer, T. G. 1 c	Hartley	Sheridan, H. J. <i>gr ed</i>	486 W. 136
Shaffer, R. L. <i>gr ed</i>	Morristown, N. J.	Sheridan, J. A. <i>gr</i>	105 E. 15
Shanholt, H. 4 c 388 Liberty ave., Bklyn.		Sheridan, J. T. 1 m	1002 Church, Richmond Hill
Shanholt, H. H. 4 c	5 E. 106	Sheridan, S. J. 3 s	420 W. 259
Shank, J. I. <i>phar</i>	993 Union ave.	Sherinyan, W. 4 pa	Livingston
Shannon, M. L. † <i>nm ed</i>		Sherline, B. † 1 b	203 W. 111
	5 Locust, Flushing	Sherman, B. W. <i>phar</i>	12 Ave. B.
Shannon, S. E. † <i>gr</i>	602 W. 125	Sherman, D. D. 2 pa	159 Forsyth
Shapiro, B. <i>nm pa</i>	236 E. 94	Sherman, L. 1 c	
Shapiro, C. S. 2 c 70 McKibben, Bklyn.			935 Myrtle ave., Bklyn.
Shapiro, F. † <i>gr</i>	368 Decatur, Bklyn.	Sherman, L. F. E. † <i>nm ed</i>	
Shapiro, H. <i>phar</i>	115 W. 68		Ridgefield Park, N. J.
Shapiro, L. 1 c	31 Pike	Sherman, M. W. † 2 pa	1006 Trinity ave.
Shapiro, L. <i>phar</i>	69 ave. C	Sherman, R. E. † <i>gr</i>	
Shapiro, L. 4 s	107 E. 10		284 Lafayette ave., Bklyn.
Shapiro, N. S. 2 c 68 McKibben, Bklyn.		Sherwin, K. I. † 1 pa	Whittier
Shapiro, T. A. 3 c	430 W. 118	Sherwin, S. A. 1 c	945 E. 163
Shapiro, W. <i>gr ed</i>	174 Essex	Sherwood, M. M. † <i>nm gr</i>	
Sharlott, M. <i>gr ed</i>	Pleasantville, N. Y.		119 Washington Pl.
Sharot, M. E. † <i>gr ed</i>		Shevlin, M. J.	193 Monroe
	1346 Pacific, Bklyn.	Shibley, G. S. 4 m	50 W. 49
Sharp, C. A. <i>gr</i>		Shibley, M. 3 c	63 W. 96
	176 Main, Madison, N. J.	Shigo, A. † 2 pa	Whittier
Shatara, F. I. 4 m 46 Garden Pl., Bklyn.		Shilliday, R. 1 c	558 W. 113
Shattuck, B. B. H. 1 l		Shine, H. † 2 b	224 W. 114
	160 Clinton, Bklyn.	Shipley, J. T. <i>gr</i>	508 W. 162
Shattuck, M. † 1 pa	Whittier	Shipman, D. † 1 pa	20 W. 128
Shavelson, A. B. 3 c		Shipman, M. E. † <i>gr</i>	
	342 Vermont, Bklyn.	Shircas, H. <i>gr</i>	124 Boerum, Bklyn.
Shaver, H. N. 2 l	1015 E. 178	Shirk, D. A. 1 c	390-2nd, Bklyn.
Shaviro, M. <i>gr</i>	966 Amsterdam ave.	Shlevin, E. L. 3 c	161 N. 6, Bklyn.
Shaw, E. T. <i>gr</i>	600 W. 122	Shluger, A. L. <i>gr ed</i>	307 Henry
Shaw, F. D., 2nd 2 l	11 E. 45	Shofner, H. B. 2 l	Furnald
Shaw, J. 1 c 352 Webster ave., Astoria		Shojiro, K. <i>gr</i>	330 E. 57
Shaw, J. B. 2 l	Livingston	Shoor, W. K. 1 c	Hartley
Shea, E. H. 4 s	627 W. 115	Short, L. L. 3 l	780 Madison ave.
Shea, M. A. † <i>nm pa</i>	336 W. 21	Shove, B. E. <i>gr</i>	Furnald
Shealy, W. B. 4 c	Livingston	Showers, R. W. <i>gr</i>	505 W. 122
Shearer, V. F. † 4 pa	523 W. 121	Shrive, L. † 4 b	
Shears, L. A. <i>gr</i>	300 W. 107		305 Warburton ave., Yonkers
Shears, R. M. 2 c	300 W. 107	Shroder, J. A. W. † 2 pa	
Sheerer, R. † 1 pa	89 Pineapple, Bklyn.		103 Logan, Bklyn.
Sheets, G. † 4 pa	Whittier	Shubert, C. B. <i>nm pa</i>	
Shehan, M. † 4 b			119 North ave. W., Cranford, N. J.
	1974 Richmond Terrace, Port Richmond	Shuford, L. S. 2 c	845 West End ave.
Sheibley, M. M. <i>gr</i>	501 W. 120	Shukri, A. <i>gr</i>	Livingston
Sheldon, B. S. 4 c	619 W. 113	Shuler, J. W. <i>nm c</i>	Furnald
Sheldon, W. † 3 pa	Whittier	Shupp, D. L. † 4 ed	42 Riverside Dr.
Shepard, E. † <i>nm b</i>		Shupp, P. F. <i>gr ed</i>	520 W. 123
	157 Columbia Heights, Bklyn.	Shutt, E. R. 3 l	Livingston
Shepard, L. A. 2 m	346 W. 57	Sibbald, J. O. 3 m	Hartley
Shepard, L. H. <i>nm l</i>		Sickels, R. 1 c	West Nyack
	48 Sidney Pl., Bklyn.	Siebenmorgen, W. <i>gr</i>	114 Liberty
Shepard, R. F. 3 c		Siebern, W. 2 pa	
	507 Twelfth ave., Newark		182 Jewell ave., Jersey City
Shepherd, A. R. 2 l	Livingston	Siebert, F. T. <i>phar</i>	
Sheppard, T. T. 2 m	346 W. 57		110 Hayes ave., Corona
Sherburne, J., 2nd 2 m	538 W. 114	Siegel, B. 1 m	207 E. 15
Shereshewsky, G. <i>phar</i>	85 Ave. B.		

- Siegel, B. 4 c 267 W. 89  
 Siegel, D. P. *nm l* 160 W. 119  
 Siegel, F. 4 *pa* 240 E. 105  
 Siegel, F. † 3 *b* 741 Jennings  
 Siegel, F. A. † 3 *b* 167 Ashburton ave., Yonkers  
 Siegler, J. 4 *c* 223 Newark ave., Jersey City  
 Siegler, L. *gr* 1552 Minford Pl.  
 Siegler, L. A. † *gr* 405 W. 118  
 Siems, E. † 1 *b* 64 W. 4, Mt. Vernon  
 Siff, M. † 3 *b* 1117 Forest ave.  
 Siglar, G. † 2 *pa* 501 W. 121  
 Sigmand, S. 1 *l* 208 E. 7  
 Sigmond, R. O. *gr* 81 Hatfield ave., Port Richmond  
 Silberblatt, T. 1 *c* 120 W. 119  
 Silbert, S. 3 *m* Furnald  
 Silliman, J. E., Jr. 2 *c* 680 St. Nicholas ave.  
 Silva, J. 2 *l* Belnord Apts.  
 Silverman, G. 1 *c* 445 Riverside Dr.  
 Silverman, I. 3 *s* 30 Riverdale ave., Yonkers  
 Simboli, C. *gr* 430 W. 118  
 Simmons, A. R. 3 *c* 510 W. 124  
 Simmons, I. † *gr ed* 167 Joralemon, Bklyn.  
 Simmons, M. † 4 *b* 142 Woodworth ave., Yonkers  
 Simon, E. K. 1 *c* 148 E. 65  
 Simon, F. † *gr* 450 Riverside Dr.  
 Simon, J. *phar* 1502 Bryant ave.  
 Simon, R. A. 1 *j* 57 W. 89  
 Simonds, E. M., Jr. 4 *c* 434 Riverside Dr.  
 Simons, B. R. † 1 *b* 302 W. 87  
 Simonson, A. † 4 *pa* Hollis  
 Simpson, J. † *gr* 106 E. 116  
 Sinclair, J. H. *gr* 160 Claremont ave.  
 Sinclair, J. S. 1 *c* 1046 Bergen, Bklyn.  
 Sinclair, M. E. *gr* 503 W. 121  
 Sinclair, W. *phar* 372 Whiton, Jersey City  
 Sinclair, W. S. 1 *c* 1046 Bergen, Bklyn.  
 Singer, A. † 1 *pa* 20 E. 100  
 Singer, I. N. 3 *c* 20 E. 100  
 Sinnott, D. † 1 *pa* Whittier  
 Sinsheimer, H. † *sp b* 285 Central Pk. W.  
 Siovit, N. *phar* 111 W. 143  
 Sirginson, E. † 3 *pa* 519 W. 121  
 Sisk, M. L. † 4 *ed* Whittier  
 Skidmore, E. L. 2 *m* 565 W. 175  
 Skinker, D. A. † *gr* 230 W. 101  
 Skinner, F. † 4 *pa* Whittier  
 Skinner, T. B. † 1 *b* 319 W. 57  
 Skipp, H. J. *gr* Forest Hills Inn, Forest Hills  
 Skolly, I. *gr* 138 Ludlow  
 Skuse, L. A. † *nm pa* 523 W. 121  
 Skydanek, B. *phar* 364 E. 72  
 Slack, F. V. *gr* 509 W. 121  
 Slade, U. C. † *gr* 503 W. 121  
 Slagle, C. W. S. 1 *j* 420 W. 116  
 Slattery, J. T. *gr* 500-23rd, Watervliet  
 Slavin, H. *phar* 1535 Minford Pl.  
 Slawson, E. L. † 2 *pa* 76 W. 127  
 Slayton, M. H. *gr ed* 16 E. 114  
 Sleeper, H. A. † *gr ed* 100 Morningside Dr.  
 Sleman, E. F. † *gr* 620 W. 122  
 Sloan, M. J. † 4 *ed* 417 W. 120  
 Sloane, B. *nm ed* 161 Bellevue ave., Montclair  
 Slobodkin, L. *phar* 360 W. 53  
 Slocum, H. † 1 *b* Brooks  
 Sluth, E. † 2 *b* 577 E. 8, Bklyn.  
 Slutsky, A. 1 *c* 254 W. 25  
 Smalls, A. J. *phar* 94 Hamilton Pl.  
 Smart, W. V. † 4 *pa* 4241 Broadway  
 Smead, A. E. † *gr ed* Whittier  
 Smilari, M. A. 4 *s* 940 E. 180  
 Smiley, P. H. 4 *pa* Livingston  
 Smith, A. † 3 *pa* 607 Kearney ave., Arlington  
 Smith, A. † 4 *pa* Whittier  
 Smith, A. H. 3 *l* 512 W. 123  
 Smith, A. I. † *gr ed* 106 Morningside Dr.  
 Smith, A. W. *nm ed* 129 Clermont ave., Bklyn.  
 Smith, B. A. † 1 *b* Brooks  
 Smith, B. G. 3 *l* 358 W. 123  
 Smith, B. P. *gr* 600 W. 122  
 Smith, B. R. 3 *s* 608 W. 113  
 Smith, C. A. † 1 *b* 87 Mahar ave., Clifton, N. J.  
 Smith, C. B., Jr. 3 *l* 616 W. 113  
 Smith, C. C. 2 *l* 362 Riverside Dr.  
 Smith, E. † *nm ed* 181 Claremont ave.  
 Smith, E. A. *nm c* Tivoli, N. Y.  
 Smith, E. C. 2 *l* Furnald  
 Smith, E. C. 3 *c* 1 Chelsea Sq.  
 Smith, E. C. *sp s* 523 W. 121  
 Smith, E. G. *nm gr* 21 W. 65  
 Smith, E. H. † 4 *ed* Whittier  
 Smith, E. M. *sp s* Furnald  
 Smith, E. T. 3 *l* Livingston  
 Smith, F. C. 4 *pa* 102 Monroe, Bklyn.  
 Smith, F. J. *gr ed* Palace Court, Weehawken  
 Smith, F. N. † *gr* Whittier  
 Smith, F. O. *gr ed* 519 W. 121  
 Smith, F. T. *gr* 600 W. 122  
 Smith, G. A. *gr ed* 46 Gold, Portchester  
 Smith, G. B. 4 *m* 55 Hart, Bklyn.  
 Smith, G. M. † 1 *b* 166 Waverly Pl.  
 Smith, H. † *nm ed* 730 South, Elizabeth



- Smith, H. van A. † 3 b  
                                     946 Boulevard, Astoria  
 Smith, H. C. 3 s      1833 Bathgate ave.  
 Smith, H. E. † 4 pa      Whittier  
 Smith, H. F. C. † 4 pa      Whittier  
 Smith, H. G. *phar*      38 Orange, Bklyn.  
 Smith, H. T. *sp s*      Furnald  
 Smith, I. † 1 b      Bayport  
 Smith, I. M. † 2 pa  
                                     72 Sherman ave., Tompkinsville  
 Smith, I. V. † *nm ed*      519 W. 121  
 Smith, J. *phar*      54 E. 115  
 Smith, J. *phar*      3830 Park ave.  
 Smith, J. C. 2 l  
 Smith, J. F. 4 pa      311 W. 95  
 Smith, J. L. † 1 b      379 E. 18, Bklyn  
 Smith, K. *gr ed*  
                                     165 Academy, South Orange  
 Smith, K. F. *sp s*      Furnald  
 Smith, K. H. *gr*      1516 Charlotte  
 Smith, L. † 1 b  
                                     348 Passaic ave., Hackensack  
 Smith, L. 1 pa  
                                     271 Hamilton ave., Trenton  
 Smith, L. † *nm pa*      425 W. 118  
 Smith, L. A. † *nm ed*  
                                     1637 Washington ave.  
 Smith, L. B. *gr ed*  
                                     97 Vista Pl., Mt. Vernon  
 Smith, L. G. *gr*      Madison, N. J.  
 Smith, L. H. † *gr*      32 W. 68  
 Smith, M. *phar*      153 Norfolk  
 Smith, M. A. † 4 pa      514 W. 122  
 Smith, M. D. † *gr*      519 W. 121  
 Smith, M. L. † 3 pa      501 W. 120  
 Smith, M. L. † 4 pa      21 W. 122  
 Smith, M. L. † 1 b  
                                     135 Phelps ave., Englewood, N. J.  
 Smith, M. R. † *gr*      403 W. 115  
 Smith, P. 3 j      Livingston  
 Smith, R. B. 3 j      370 W. 120  
 Smith, R. B. 2 c      633 W. 115  
 Smith, R. G. *gr*      Livingston  
 Smith, R. K. † *gr*  
                                     280 Hamilton ave., Paterson  
 Smith, R. L. † *nm ed*      630 W. 135  
 Smith, T. *gr*  
                                     Shippan Point, Stamford, Conn.  
 Smith, V. † *sp b*      527 Riverside Dr.  
 Smith, W. B. 3 c      509 W. 121  
 Smith, W. I. *phar*  
                                     431 Herberton ave., Port Richmond  
 Smithers, A. F. 3 s      425 W. 144  
 Smucker, V. J. *gr*      600 W. 122  
 Smythe, C. F. 2 l      Riverdale-on-Hudson  
 Snider, A. M. † *gr*      40 Irving Pl.  
 Snively, I. † 3 pa      510 W. 123  
 Snively, M. L. † *nm ed*      510 W. 123  
 Snow, M. † *gr ed*      2020 Broadway  
 Snyder, E. W. 4 pa      Furnald  
 Snyder, F. † *nm pa*      119 W. 80  
 Snyder, M. E. † 2 b      99 Claremont ave.  
 Sobel, J. M. 2 l      616 W. 114  
 Sobel, L. † 1 pa      Mamaroneck  
 Sobel, N. 2 m      41 Ave. B  
 Sobel, P. *phar*      115 W. 68  
 Sockman, R. W. *gr*      600 W. 122  
 Soderstrom, G. A. 3 m      400 W. 57  
 Sohn, H. † *nm pa*      21 E. 89  
 Sohn, J. G. C. *nm a*      Livingston  
 Sokoloff, A. N. 3 s  
                                     751 Greene ave., Bklyn.  
 Sokolsky, G. E. 3 j      953 Fox  
 Solender, S. S. 4 pa      Pleasantville, N. Y.  
 Soler, M. A. *phar*      70 E. 105  
 Solomon, M. L. † *gr*      56 W. 115  
 Solomon, S. *phar*      443 W. 57  
 Solon, M. L. *gr*      209 W. 97  
 Solovei, S. 3 m      68 Thatford ave., Bklyn.  
 Somberg, J. S. 3 c      12 E. 107  
 Sommerville, W. B., Jr. 3 s      558 W. 113  
 Sondheim, S. M. † 4 pa      65 E. 59  
 Sonfield, R. L. *nm l*      126 Claremont ave.  
 Soong, T. V. *gr*      Furnald  
 Soons, S. G. C. 3 l      414 W. 118  
 Sooysmith, H. † 2 b      Brooks  
 Souder, M. A. 4 pa      400 W. 118  
 Sours, W. † 2 b  
                                     316 Westchester ave., Port Chester  
 Sovey, R. W. 4 pa  
                                     334 N. Terrace ave., Mt. Vernon  
 Sower, L. S. 2 j      Furnald  
 Spafford, E. E. 1 l      14 E. 63  
 Spalthoff, W. D. 4 c      540 W. 113  
 Sparber, J. I. *phar*      454 Vermont, Bklyn.  
 Sparkman, E. I. † 3 pa  
                                     448 Ellison ave., Paterson  
 Spattke, F. G. *phar*      312 E. 120  
 Spaulding, J. E. † *nm ed*  
                                     80 Hanson Pl., Bklyn.  
 Spear, E. H. *gr*      175 Ninth ave.  
 Spearing, J. † *gr ed*  
                                     106 Morningside Dr.  
 Spears, J. A. *gr ed*      2069 Arthur ave.  
 Spector, B. L. *phar*      1932 Crotona Pky.  
 Spector, T. *gr ed*      14 E. 108  
 Spence, P. W. 1 c      293 Lenox ave.  
 Spencer, F. D. 2 m      31 W. 61  
 Spencer, W. L. *gr ed*      528 W. 123  
 Sper, F. *gr*      1233 St. Johns Pl., Bklyn.  
 Sperling, E. M. 4 c      215 W. 98  
 Spero, S. D. 2 c      1885 Seventh ave.  
 Spewack, S. 1 c      1141 Park Ave.  
 Spicer, R. H. *gr ed*      Adams, N. Y.  
 Spiegel, B. G. † *gr*      240 E. 105  
 Spiegelglass, A. L. *phar*  
                                     1625 Eastern Parkway, Bklyn.  
 Spiegler, C. 3 s      365 Sutter ave., Bklyn.

- Spier, E. R. † *nm ed*  
106 Morningside Dr.
- Spier, F. 3 *c* 515 W. 111
- Spier, L. *gr* 515 W. 111
- Spiero, G. B. 4 *j* Hartley
- Spingarn, S. 4 *c*  
442 Clinton ave., West Hoboken
- Spitz, L. *gr* 531 W. 123
- Spitzer, E. R. 2 *c* 540 W. 113
- Spivak, M. *phar* 1056 Fox
- Spofford, N. † *nm pa* 519 W. 123
- Spooner, M. G. 1 *l* Hartley
- Sporn, P. 3 *s* 63 Canal
- Sposta, C. A. *phar* 21 Spring
- Sposta, D. C. 1 *c* 21 Spring
- Sprague, H. A. *gr ed*  
135 Washington ave., Newark
- Spring, H. P. *gr* 255 W. 108
- Sproat, A. M. † *nm ed* 501 W. 121
- Spruill, M. † *nm b* Whittier
- Sprung, J. 3 *s* 126 W. 118
- Spurgeon, R. H., Jr. *a* 370 W. 120
- Spurny, E. 3 *s*  
802 Second ave., Astoria
- Squires, M. C. † 4 *pa* Whittier
- Staats, W. A. 3 *c* 29 Beekman Pl.
- Stableford, R. G. Jr. *gr* 8 Poplar, Bklyn.
- Stadie, W. C. 4 *m* 270 Willis ave.
- Stall, H. L. † 3 *pa* 620 W. 116
- Staloff, E. *phar* 103 Fourth ave.
- Stam, H. † *gr* 601 W. 160
- Stammelman, M. J. 1 *c*  
217 Glen Ridge ave., Montclair
- Stanbrough, G. † 1 *b* 306 W. 103
- Standard, P. 1 *c* 18 W. 100
- Standenmayer, A. † 3 *pa* 519 W. 121
- Stanton, A. † 1 *b* 766 West End ave.
- Stanton, A. N. *gr* 600 W. 122
- Stanton, J. † *nm b*  
54 S. Portland ave., Bklyn.
- Staples, J. † 3 *b*  
120 N. Columbus ave., Mt. Vernon
- Starbuck, F. I. 3 *s* Hartley
- Stark, L. *gr* 3 W. 111
- Stark, M. B. † *gr* 514 W. 122
- Stark, W. E. *gr ed*  
328 Union, Hackensack
- Starke, E. P. 3 *c* 532 Decatur, Bklyn.
- Stauffer, F. L. 2 *m* 565 W. 175
- Stacey, F. W. *gr ed* Hartley
- Stearns, C. G. 3 *l*
- Stearns, R. L. 1 *l* Furnald
- Stebbins, E. D. † *gr* 1587 Pacific, Bklyn.
- Stebbins, M. G. † *gr*  
59 Livingston, Bklyn.
- Stecker, W. W. 2 *c* 995 Union ave.
- Steckler E. † *gr ed* 161 W. 63
- Steggar, W. H. *gr ed*  
22 Hobart Pl., Garfield, N. J.
- Steffens, J. A. 4 *s*  
135 Berkeley Pl., Bklyn.
- Stehlin, O. M. † *gr*  
162 St. Nicholas Ave., Bklyn.
- Steich, G. *gr* 211 E. 17
- Steiger, L. *phar* Hillsdale, N. J.
- Stein, J. *phar* 1023 Southern Boulevard
- Stein, J. F. 2 *c*  
117-6th, West New York
- Stein, M. 3 *s* 226 W. 140
- Stein, M. † 2 *b* 605 W. 113
- Steinberg, J. A. *phar*  
10 S. Chase Ave., Rockaway Beach
- Steiner, C. I. 3 *c* 523 W 113
- Steiner, H. 2 *c*  
51 Baldwin Ave., Newark
- Steiner, Leo 4 *c*  
51 Baldwin ave., Newark
- Steiner, W. H. 4 *c* 219 E. 71
- Steinhardt, A. *phar* 643 Fox
- Steinhoff, K. L. 2 *m* 2492 Elm Pl.
- Steinholz, R. 4 *m* 106 W. 115
- Steinke, C. F. 3 *c* 182 Claremont ave.
- Steinman, B. 2 *l* 416 E. 81
- Steinman, H. R. *phar*  
63 New Lotts Rd., Bklyn.
- Steinman, I. 2 *m* 416 E. 81
- Steinschneider, F. † 2 *pa*  
Washington ave., Hastings-on-Hudson
- Steinschneider, R. 1 *c*  
Washington ave., Hastings-on-Hudson
- Steinthal, J. † 4 *b* 123 E. 91
- Stenbuck, J. B. 3 *m*  
422 De Kalb ave., Bklyn.
- Stenerwald, H. † *gr ed* 467 E. 136
- Stenquist, J. L. *gr ed* 525 W. 120
- Stephens, H. † *nm pa* Whittier
- Stephens, J. C. 2 *l*
- Stephens, L. † 3 *pa* Whittier
- Stephens, L. N. † *nm ed*  
974 St. Marks ave., Bklyn.
- Stephens, L. W. *gr ed* 557 W. 124
- Stephenson, H. † 1 *pa* Whittier
- Stephenson, R. A. 4 *c* 138 W. 62
- Sterman, M. 1 *m* 71 E. 109
- Stern, A. 3 *c* 39 Front
- Stern, D. † 3 *b*  
3220 Glenwood Rd., Bklyn.
- Stern, D. M. 3 *j* 241 W. 113
- Stern, D. S. *gr ed* 115 Division
- Stern, E. A. *nm gr* 99 Stanton
- Stern, H. R. 1 *l* 1183 Third ave.
- Stern, J. M. † *gr* Hastings-on-Hudson
- Stern, L. *gr* 556 Evergreen ave., Bklyn.
- Stern, M. *gr ed* 240 W. 112
- Stern, R. L. S. 1 *c* Bellelaire Hotel
- Stern, R. M. *gr*  
141 Mayflower ave., New Rochelle
- Sternberg, O. *phar* 142 W. 26

Sterz, E. † 1 *pa*  
218-32d, Woodcliff, N. J.

Stetson, R. R. 1 *c*  
509 E. 82

Steuer, B. 3 *l*  
Steuerwald, H. † *gr ed* 467 E. 136

Stevens, F. A. *gr*  
97 Prospect, Ridgewood

Stevens, G. R. 1 *c* New Canaan, Conn.

Stevens, H. K. † 2 *b* 2094 Fifth ave.

Stevens, J. † *nm b* 35 E. 62

Stevens, L. B. † *nm ed* 431 W. 121

Stevens, M. E. † 2 *pa* Whittier

Stevens, M. M. † 2 *b* 2094 Fifth ave.

Stevens, M. S. † *gr*  
Colbath House, Morristown

Stevens, S. M., Jr. 2 *l* Livingston

Stevenson, F. F. *nm c*  
506 W. 7, Plainfield

Stevenson, H. C. † 1 *pa*  
422 E. 4, Bklyn.

Stevenson, J. L. 1 *c*  
426 Central Park West

Stevenson, J. M. *gr* 600 W. 122

Steves, B. C. *phar* 48 W. 130

Stewart, C. † 1 *b* 139 W. 82

Stewart, E. † 3 *pa* 503 W. 121

Stewart, E. G. † *gr* 457 W. 123

Stewart, E. M. † 2 *b* 503 W. 121

Stewart, I. M. *gr ed* 49 Claremont ave.

Stewart, J. C. 3 *l* Livingston

Stewart, J. H. † 4 *pa* 49 Claremont ave.

Stewart, J. L. 4 *pa*  
8 Baldwin ave., Jersey City

Stewart, K. B. 510 W. 123

Stewart, M. † 4 *pa* 125 Riverside Dr.

Stewart, R. A. † *nm ed*  
153 Joralemon, Bklyn.

Stickel, J. 1 *c* 174 Keap, Bklyn.

Stickland, G. I. † 3 *b*  
444 Classon ave., Bklyn.

Stickney, A. † 2 *pa* Whittier

Stiebel, M. † 4 *pa* 465 West End ave.

Stier, R. F. E. 1 *m* 153 E. 86

Stiles, K. J. † *gr ed* 540 W. 122

Stiles, K. T. *gr* 126 Claremont ave.

Stillman, W. 2 *m* 142 W. 91

Stilwell, M. E. † *gr ed*  
24 Evergreen Pl., East Orange

Stimson, D. † *gr* 260 W. 76

Stimson, L. A. *nm c* Livingston

Stinson, J. W. 3 *l* 490 Riverside Dr.

Stirling, A. G. *nm s*  
Brooklyn Navy Yard

Stitt, A. M. † *gr* 156 W. 93

Stitt, E. W., Jr. 3 *l*  
1543 St. Nicholas ave.

Stivala, A. *phar* 557 W. 52

Stobaugh, C. J. † 4 *pa* 521 W. 123

Stobaugh, C. W. † *gr* 521 W. 123

Stobaugh, F. † 2 *pa* 521 W. 123

Stockbridge, D. † 2 *b* 509 W. 121

Stockbridge, H. † 2 *b* 509 W. 122

Stockinger, W. A. *gr ed* 419 W. 121

Stockton, D. L. † 2 *pa* 501 W. 120

Stockton, E. M. † 4 *pa* Englewood

Stockton, K. E. 2 *l* 501 W. 120

Stoff, C. G. † 4 *b*  
22 Mt. Morris Park West

Stoll, R. L. V. † 2 *pa* 46 W. 96

Stone, C. G., Jr. *gr*  
273 Rich ave., Mt. Vernon

Stone, C. W. 3 *c* 616 W. 113

Stone, G. A. † *gr* 3305 Broadway

Stone, G. H. W. 2 *l* 612 W. 116

Stone, M. 3 *s* 208 W. 140

Stone, M. † 1 *pa* Whittier

Stone, M. J. † 3 *pa* Whittier

Stone, R. † *gr* 360 E. 195

Stone, R. H. 4 *s* 575 Riverside Dr.

Stone, S. G. *gr* 7 W. 10

Storer, C. H. 1 *l* Livingston

Storms, D. A. † 2 *pa* Whittier

Storms, D. E. † 4 *pa* Dobbs Ferry

Stout, G. † *gr* 10 Wall

Stover, S. 4 *c* Hartley

Strahan, J. W. 2 *l* 417 W. 118

Straight, W. D. 1 *l*

Strang, A. † *nm pa* 519 W. 123

Strang, A. V. † 1 *pa* Whittier

Strang, J. A. 4 *s* 616 W. 113

Strasser, W. E. *phar* 861 Union ave.

Stratton, G. E. † 1 *pa*  
134 Claremont ave.

Stratton, G. F. *gr ed* Livingston

Strauch, M. † 2 *b* 25 W. 94

Straus, G. G. † *nm gr* 5 W. 76

Straus, S. † *gr* 5 W. 76

Strauss, M. J. 3 *m* 160 W. 87

Strauss, P. F. *gr*  
770 Eleventh ave., Steinway

Strauss, S. W. 1 *l* 33 W. 91

Street, C. L. *gr* 175 Ninth ave.

Streeter, D. D. *gr* 1144 Bergen, Bklyn.

Streger, P. 2 *c* 80 Church, New Rochelle

Streight, H. H. † 1 *pa* 431 Riverside Dr.

Streit, J. F. *phar*  
282 Welling, Richmond Hill

Strieter, O. G. *gr* 510 W. 113

Strom, F. E. *gr* 400-5th, Bklyn.

Stromsoe, S. † 3 *b* 335 Hoyt, Bklyn.

Strong, A. H. † *gr ed* 509 W. 121

Strongin, H. F. *phar* 115 W. 68

Stroock, B. † 1 *b* 88 Central Park West

Strope, L. † *gr* 414 W. 118

Strouse, I. S. 2 *c* 180 Claremont ave.

Struck, F. T. *gr ed*  
Maxem Court, Orange

Strum, J. *phar* 66 E. 105

- Strumpf, B. *gr* 174 Broome  
 Strumwasser, S. 4 *m* 973 Fox  
 Struss, M. † 3 *b* 882 Sterling Pl., Bklyn.  
 Stuart, D. C. *gr* 175 Ninth ave.  
 Stuart, F. † *gr* 423 W. 118  
 Stuart, H. C. 2 *m* 275 West End ave.  
 Studwell, S. A. 3 *l* 616 W. 113  
 Stull, J. † 2 *pa* Whittier  
 Sturdevant, L. R. † *gr* 2244 Bathgate ave.  
 Sturges, W. A. 1 *l* 523 W. 138  
 Suchman, H. *gr ed* 603 W. 139  
 Suckley, A. R. L. 3 *c* 27 W. 44  
 Sucoff, M. 2 *c* 159 E. 113  
 Suer, A. 1 *m* 1263 Fifth ave.  
 Sugawara, K. *nm l* 60 Wall  
 Sugiura, K. *gr* Roosevelt Hospital  
 Sukloff, H. 1 *c* 1017 Myrtle ave., Bklyn.  
 Sullivan, A. S. † *gr* 59 W. 12  
 Sullivan, E. S. 2 *m* 34 W. 61  
 Sullivan, E. V. † *gr* 609 W. 115  
 Sullivan, F. L. 2 *c* 550 W. 114  
 Sullivan G. G. 2 *c* 49 Central ave., Ossining  
 Sullivan, H. A. 1 *c* 188 W. 137  
 Sullivan, T. T. 1 *l* Livingston  
 Sulzberger, S. U. 4 *c* Hartley  
 Summer, L. † *nm ed* 523 W. 121  
 Surgeoner, A. M. † 3 *b* 14 Locust Hill ave., Yonkers  
 Sussman, C. H. *phar* 544 St. Pauls Pl.  
 Sussman, S. 3 *s* 101 First ave.  
 Sutcliffe, C. † 1 *b* 222 W. 122  
 Sutcliffe, E. M. *phar* 115 W. 68  
 Suter, J. W. Jr., † *gr ed* 101 Lawrence  
 Sutherland, A. † *nm pa* 47 Claremont ave.  
 Sutherland, J. D. *nm l* Furnald  
 Sutliff, E. H. 3 *m* 1701 Myrtle ave., Bklyn.  
 Sutton, W. H. *gr* 73 Park ave., Paterson  
 Svensson, E. S. H. 1 *c* Hartley  
 Swaim, A. M. † *nm ed* 152 Lincoln ave., Newark  
 Swain, J. W. *gr* Livingston  
 Swan, H. *nm l* Livingston  
 Swan, S. D. *gr* Hartley  
 Swann, H. J. *gr* 350 W. 120  
 Swann, S. † *nm b* 124 E. 61  
 Swayne, S. A. 2 *m* 34 W. 61  
 Swayze, C. D. 1 *c* Hartley  
 Sweeney, A. † 1 *b* 233 Union, Bklyn.  
 Sweet, M. † 4 *pa* 57 Cliff ave., Yonkers  
 Sweetser, T. H. 3 *m* 103 W. 76  
 Swenson, E. S. *gr* 29 Schermerhorn, Bklyn.  
 Swersky, J. *phar* 57 S. 10, Bklyn.  
 Swift, O. P. 2 *j* Hastings-on-Hudson  
 Swift, W. E. 1 *m* 20 W. 55  
 Swinburne, R. E. 2 *c* 39 Poplar ave., Hackensack  
 Swinburne, S. † 1 *pa* 39 Poplar ave., Hackensack  
 Swindle, O. R. 3 *m* 1748 Broadway  
 Swinnerton, R. 3 *l* 351 Clifton ave., Newark  
 Sydnor, E. W. *gr ed*  
 Sydnor, M. V. † *gr* Whittier  
 Sykes, F. B. † *gr* 54 Hamilton Terrace  
 Syze, F. V. † 2 *pa* 121 Franklin ave., New Brighton  
 Szabo, M. B. † *nm ed* Central ave., Fort Lee  
 Sze, Y. T. *gr* Furnald  
 Taber, J. H. 3 *c* 531 W. 113  
 Tabirini, E. † 4 *b* 234 Second ave., Long Island City  
 Tachan, F. † *nm ed* Woodmere, N. Y.  
 Taft, D. R. *gr* 400 W. 118  
 Taggart, M. † *gr ed* 70 Morningside Dr.  
 Tai, E. S. *gr* Livingston  
 Taintor, S. A. *gr* 41 W. 76  
 Taistra, S. A. † *gr* 935 Garden, Hoboken  
 Tait, A. L. 1 *c* Hartley  
 Takahashi, S. *gr* 405 W. 118  
 Takamori, F. † 4 *ed* 400 W. 118  
 Talbot, L. † 4 *b* Brooks  
 Tallman, E. A. † *nm ed* Suffern  
 Tallman, G. G. † *gr* 3609 Broadway  
 Talmage, M. V. † 3 *b* Brooks  
 Tamburelli, H. 3 *s* 643 E. 182  
 Tamraz, J. M. 3 *m* 430 Lafayette ave., Passaic  
 Tanaka, Y. *sp s* 161 W. 93  
 Tanner, H. B. *gr* 1000 Faile  
 Tanzola, J. J. *gr* 162-9th, Bklyn.  
 Tao, W. T. *gr ed* Hartley  
 Tapia, A. *gr ed* 164 W. 122  
 Taplin, E. G. *gr* Livingston  
 Tappan, V. † 1 *b* Highwood, N. J.  
 Tarnopoll, L. 3 *s* 70 Chester, Bklyn.  
 Tarr, R. S. *gr* 429 W. 117  
 Tarshio, G. C. † 3 *pa* 523-10th, Bklyn.  
 Tartt, P. B. 3 *s* 215 Central ave., Leonia  
 Tasallo, C. *phar* 21 Bedford ave.  
 Tashof, J. J. 2 *l* 1155 Park ave.  
 Tassinari, C. A. *phar* 499 W. 133  
 Tastrom, E. P. 1 *c* 637 Carroll, Bklyn.  
 Tate, J. A., Jr. 2 *l* Furnald  
 Taylor, A. † 3 *pa* 315 Central Park West  
 Taylor, B. † 1 *b* 398 Warburton ave., Yonkers  
 Taylor, B. K. 2 *l* 890 Park Pl., Bklyn.

Taylor, C. A. † 2 *pa*  
166 Second ave., Astoria

Taylor, C. K. *gr*

Taylor, D. W. 4 *s* 2051 Fifth ave.

Taylor, E. A. *gr* 219 W. 134

Taylor, E. W. † 1 *b* 625 W. 135

Taylor, F. E. † 3 *pa*  
Sutton Manor, New Rochelle

Taylor, F. M. *nm ed* 503 W. 124

Taylor, G. B. † *nm pa* 435 W. 119

Taylor, H. G. † *gr ed* Hawthorne, N. Y.

Taylor, H. O. † *nm ed* Whittier

Taylor, L. † 3 *b* 552 W. 186

Taylor, L. B. † 4 *pa* Whittier

Taylor, L. M. † 2 *b* 251 W. 103

Taylor, M. S. † *gr* 220 W. 120

Taylor, W. D. 4 *c* 540 W. 113

Tea, M. A. † *gr* 75 W. 92

Teall, D. J. 93 High, Glen Ridge

Teall, H. P. 3 *c*  
189 Ashland ave., Bloomfield

Teas, E. M. † *nm ed*  
1234 Pacific, Bklyn.

Teed, I. † 4 *pa* 414 W. 118

Teepe, V. I. † 3 *b*  
126 Lexington ave., Jersey City

Teeple, G. F. † 1 *pa* Whittier

Tefft, H. † 2 *pa* 725 Broadway

Teller, C. J. *gr* 261 Broadway

Temple, A. H. 3 *j* Furnald

Temple, J. † *nm pa* Whittier

Tenopyr, O. 2 *m*  
2915 Glenwood Rd., Bklyn.

Teplitsky, D. 1 *c*  
181 Thatford ave., Bklyn.

Terhune, I. G. † 4 *pa*  
802 Montgomery, Jersey City

Terrell, A. L. *gr ed* 540 W. 124

Terriberry, E. † 1 *b* 120 W. 73

Terriberry, M. † *sp b* 120 W. 73

Terrill, E. † 4 *pa* Rahway

Terry, C. L. † *gr* 310 W. 105

Terry, L. *gr* 36 Ave. B

Terry, M. 1 *l* 310 W. 105

Terry, M. K. † 3 *b* 540 Manhattan ave.

Tessier, E. L. † *nm ed* 625 W. 113

Tesiero, T. R. *phar*  
21 Fern Brook, Yonkers

Tessohn, I. M. 3 *s* 2391 Grand Concourse

Tetelman, H. *phar* 525 E. 146

Tewksbury, E. B. *gr ed*  
44 Morningside Dr.

Thacher, C. O. 4 *c* 531 W. 113

Thatcher, A. S. † *gr* 417 W. 120

Thatcher, H. W. 2 *c*  
825 Greene ave., Bklyn.

Thayer, E. R. *nm a* 540 W. 113

Theisen, W. W. *gr ed* 525 W. 120

Thelander, A. S. † *nm ed* Whittier

Thiem, B. 4 *m* St. Anthony's Hospital

Thoburn, E. E. † 1 *pa* 107 E. 55

Thomas, A. † *gr* 523 W. 121

Thomas, C. C. *sp s* 195 Claremont ave.

Thomas, C. H. 3 *pa* 509 W. 124

Thomas, E. † 3 *pa* 503 W. 121

Thomas, G. R. *nm ed*  
21st ave. & 84, Bklyn.

Thomas, H. C. *gr* 206½ W. 13

Thomas, J. A., Jr. 4 *s* 531 W. 113

Thomas, J. F. *gr* Livingston

Thomas, L. B. † *gr* 424 W. 119

Thomas, L. G. 2 *l* 50 E. 66

Thomas, M. † 4 *pa* 106 Morningside Dr.

Thomas, P. † 1 *b* 420 W. 119

Thomas, R. B. 3 *l*  
259 Broadway, Flushing

Thomas, R. C. *gr* 139 E. 21

Thomas, S. F. † 1 *pa* Whittier

Thomas, S. M. 2 *l* Furnald

Thomaser, E. A. *gr ed*  
1525 Amsterdam ave.

Thomashefsky, M. 1 *c* 755 Dawson

Thompson, A. † *nm ed*  
111 Lexington ave., Passaic

Thompson, D. F. † *gr* 523 W. 121

Thompson, D. G. † 1 *pa*  
168 Harrison ave., Jersey City

Thompson, E. † 2 *b* 445 Riverside Dr.

Thompson, E. C. *gr* 304 State, Bklyn.

Thompson, E. B., Jr. 2 *c* 435 W. 117

Thompson, E. B. † *gr ed* 501 W. 120

Thompson, E. G. † *gr* Whittier

Thompson, E. M. † *gr* 305 W. 45

Thompson, F. C. *gr ed*  
88 West, South Norwalk, Conn.

Thompson, G. A. T. 1 *c* 162 E. 61

Thompson, H. † 2 *pa* 528 W. 114

Thompson, H. D. † *nm ed*  
399 Grand ave., Bklyn.

Thompson, M. † *gr ed* Morsemere, N. J.

Thompson, M. E. † *nm ed*  
258 Riverside Dr.

Thompson, R. † 1 *pa* Whittier

Thompson, R. N. *gr* 501 W. 124

Thompson, R. W. 4 *s* 565 W. 113

Thomson, J. C. *gr*  
11 Union, New Brunswick

Thomson, R. A. 3 *s*  
636 Hamilton, Long Island City

Thorburn, T. M. 2 *l*  
66 Passaic ave., Clifton

Thorne, A. B. † *gr* 471 Park ave.

Thurber, M. † *gr ed* 508 W. 122

Thurston, H. W. Jr. 420 W. 118

Thurston, M. † 1 *pa* 420 W. 118

Tibbetts, H. † 4 *pa* 443 E. 4, Bklyn.

Tichborne, H. M. 3 *s*  
30 S. Tenth ave., Mt. Vernon

- Tichtenberg, J. *gr ed*  
1752 Eastburn ave.
- Tierney, S., Jr., *nm ed*  
344 Totowa, Paterson
- Tiffany, E. † *gr ed* 55 Church, Montclair
- Tiffany, H. W. † 2 b 605 W. 141
- Tilley, J. L. *phar*  
362 Throop ave., Bklyn.
- Tillinghast, C. C. *gr ed*  
258 Prospect, Nutley, N. J.
- Tilton, H. H. *gr ed*  
48 W. Scott Pl., Elizabeth
- Timmons, W. C. *gr* 199 N. 6, Newark
- Timoney, M. J. † *gr* 320 E. 201
- Tinckom, W. G. *nm gr* 164 Waverly Pl.
- Tingley, G. † 4 *pa* Rahway, N. J.
- Tinker, R. † *gr* Stamford, Conn.
- Tinney, M. C. † *gr*  
258 Willoughby ave., Bklyn.
- Tinoco, A. 3 s 425 W. 118
- Tisdale, D. † 1 *pa* 838 Riverside Dr.
- Titcomb, J. H. 3 s 608 W. 113
- Tobias, C. H. 1 c 24 E. 99
- Tobin, J. L. *gr* 505a Kosciusko, Bklyn.
- Tobin, K. H. † *gr*  
Heathcote Hall, Scarsdale
- Todd, K. W. 3 c 565 W. 113
- Todd, R. H. † *gr ed* 614 W. 157
- Todd, R. T. 1 *m*  
41 N. Broadway, Tarrytown
- Todd, S. † *nm ed* 602 W. 137
- Todd, W. H. 4 c 565 W. 113
- Toledano, R. † 1 b 222 W. 141
- Tolfree, M. † *nm gr* 51 W. 49
- Tolischus, O. D. 4 j Hartley
- Tolmach, J. A. 1 c 146 W. 117
- Tomassi, L. A. 1 l Livingston
- Tomimas, S. *gr* 1224 Amsterdam ave.
- Tomlin, S. M. † *nm gr*  
1320 Bergen, Bklyn.
- Tompkins, E. † 1 b  
560 N. Broadway, Yonkers
- Tompkins, E. L. † 1 b  
560 N. Broadway, Yonkers
- Tompkins, V. L. † *gr ed*  
246 Clifton ave., Newark, N. J.
- Tonkonogy, B. O. *gr ed* 534 E 5.
- Tonks, L. 2 c 141 W. 84
- Tonouchi, K. *gr* 102 W. 123
- Tooker, H. C. 2 *m* 143 W. 69
- Toombs, F. R. 2 c  
637 St. Johns Pl., Bklyn.
- Topalian, A. B. 2 j Hartley
- Topping, E. F. † 1 b 401 W. 118
- Torek, G. † 1 b 1021 Madison ave.
- Toth, E. Z. † 1 b 620 Riverside Dr.
- Tower, N. † 4 *ed* Whittier
- Towne, M. † 1 *pa*  
97 Fairview ave., Jersey City
- Towner, E. M. † 3 *pa*  
100 Morningside Dr.
- Townley, G. † 4 *pa* Whittier
- Towns, E. B. 3 c 101 W. 80
- Townsend, L. M. 3 c Livingston
- Townsend, M. D. † 1 b  
2115 Clarendon Rd., Bklyn.
- Townsend, M. E. † *gr*  
432 Westminster ave., Elizabeth
- Townsend, P. † 4 *pa* Whittier
- Towse, A. B. † 4 *ed* Whittier
- Trabue, E. † 3 *pa* 430 W. 118
- Tracey, W. W. 4 *m* 333 W. 58
- Tracy, G. *gr* 346 W. 57
- Tracy, M. L. † *gr* 505 W. 121
- Trager, C. H. 2 c 430 W. 118
- Trask, C. H. *nm c* Furnald
- Traugott, M. † *gr* 2100 Valentine ave.
- Trausil, O. J. *gr* 620 W. 116
- Trauth, E. 2 *pa* 19 Chestnut, Bklyn.
- Trautman, K. † *gr ed* Whittier
- Trautman, O. † *gr ed* 542 E. 79
- Travis, E. † *nm ed* Hillburn, N. Y.
- Treacy, J. M. † 1 b  
118 Division, Yonkers
- Treen, A. W. 4 c 175 Ninth ave.
- Treyz, H. † 1 *pa* Whittier
- Treyz, S. L. † 2 *pa* Whittier
- Triner, J. L. *phar* 271 W. 71
- Trippe, C. M. 4 *m* 44 W. 60
- Trischett, S. S. 4 c 596 Teller ave.
- Trites, F. † *nm ed* 418 W. 118
- Trivisonno, L. *phar*  
205 Sherman, Port Richmond
- Trompeter, A. *phar* 2070 Crotona ave.
- Trowbridge, J. H. 2 c 540 W. 113
- Trowbridge, K. P. 559 W. 164
- Trubek, L. 3 s  
544 Hackensack, Carlstadt, N. J.
- True, E. M. † 4 *pa* Whittier
- Trueman, G. E. *gr ed* 546 W. 124
- Trumbull, G. L. 3 l 358 W. 123
- Trumper, M. † *nm ed* 501 W. 120
- Tsai, H. *gr* Hartley
- Tsai, M. C. 4 c Livingston
- Tucker, F. L., Jr. 3 c 464-9th, Bklyn.
- Tucker, G. E. 3 s Great Neck Station
- Tucker, R. L. *gr* 1870 Cruger ave.
- Tulasker, K. † *gr ed* Whittier
- Tulchen, L. † *gr* 243 E. 2
- Tulchin, L. *phar* 18 E. 112
- Tullar, I. M. *gr* 453-7th, Bklyn.
- Tuller, E. † 3 *pa* Whittier
- Tumpson, M. † *nm ed*  
448 Central Park West
- Tunis, R. *nm l* 434 W. 120
- Turk, R. J., Jr., 1 c Hartley
- Turnbull, A. G. † *gr* 31 Park Pl., Orange
- Turner, A. 2 c Briarcliff Manor

- Turner, A. W. *gr ed* Livingston  
 Turner, D. † 4 *b* 60 W. 76  
 Turner, E. R. † *nm ed* 2339 Tiebout ave.  
 Turner, J. L. 4 *c* 500 W. 122  
 Turner, L. K. † *nm ed* 418 W. 118  
 Tusa, T. † 1 *b* 73 Central ave., Bklyn.  
 Tuthill, I. † *nm b* 87 Lafayette ave., Bklyn.  
 Tuttle, A. D. † *gr* 248 E. 105  
 Tuttle, H. L. † 3 *pa* 501 W. 121  
 Tuttle, J. † 1 *pa* Whittier  
 Tuttle, J. R. *gr* Hartley  
 Tuttle, M. B. † 2 *pa* 355 Pacific ave., Jersey City  
 Tuttle, M. E. † 1 *pa* Whittier  
 Tuttle, M. W 2 *l* Livingston  
 Tweedy, M. M. † *gr* 930 West End ave  
 Twersky, M. 1 *m* 15 Bristol, Bklyn.  
 Twitchell, R. S. *a* Hartley.  
 Tyler, H. G. † *gr* 79 Lefferts Pl., Bklyn.  
 Tyler, E. E. *gr* 600 W. 122  
 Tynan, M. F. 1 *c* 175 W. 97  
 Tyndall, E. † 3 *pa* 415 W. 118  
 Tyson, E. † 2 *pa* 247 Pelhamdale ave., Pelham  
 Uchūke, R. *gr* 605 W. 139  
 Uhlig, F. R. 2 *c* 31 Covert, Bklyn.  
 Uhlig, S. E. † 3 *j* Brooks  
 Ullman, L. K. 1 *c* 628 W. 114  
 Ulmann, C. J. *gr* 155 W. 74  
 Ulrey, C. *gr* Fernald  
 Underhill, E. M. 4 *s* 536 W. 114  
 Underwood, E. † 3 *pa* Whittier  
 Underwood, H. † 4 *pa* Whittier  
 Unger, L. S. 4 *s* 118 W. 114  
 Unger, M. *gr ed* 410 West End Ave.  
 Utsunomiya, M. 1 *s* 102 W. 123  
 Vail, E. A. † *gr ed* 17 W. 121  
 Vail, J. I. B. 3 *m* 350 W. 58  
 Valentine, H. I. 1 *m* 216 W. 94  
 Valentine, K. S. 4 *s* 550 W. 114  
 Valentine, M. † *gr* 340 W. 57  
 Valentine, S., Jr. 2 *c* 565 W. 113  
 Vallance, M. J. † *nm ed* Fowlerville, N. Y.  
 Valverde, R. 3 *s* 202 W. 74  
 Van Auken, A. † 3 *b* 225 Murray, Elizabeth  
 Van Auken, F. T. *sp s* 191 Claremont ave.  
 Van Bibber, L. C. † *nm ed* 418 W. 118  
 van Buren, M. P. 4 *s* 531 W. 113  
 Van Buskirk, E. F. *gr ed* 180 McDonough, Bklyn.  
 Vance, M. † *nm ed* Whittier  
 Van Cortlandt, A., Jr. 1 *l* 37 E. 50  
 Van Derwerker, E. E. 3 *m* 321 E. 42  
 Van Deusen, M. C. *gr ed* 414 W. 118  
 Van de Water, S. H. 3 *c* 2626 Broadway  
 Van Doren, D. H. 2 *l* 138 Prospect, East Orange  
 Van Doren, M. A. *gr* Livingston  
 Van Duyn, M. † *gr ed* 612 W. 135  
 Van Dyck, A. D. † 2 *pa* Whittier  
 Van Etten, E. † 3 *b* 300 E. Tremont ave.  
 Van Gaasbeek, H. 4 *c* 3647 Broadway  
 Van Hoesen, G. † *gr* Whittier  
 Van Horne, E. G. † 4 *pa* 430 W. 119  
 Van Houten, L. A. 1 *c* 317 W. 121  
 Van Ingen, R. S. 2 *l* 99 Herkimer, Bklyn.  
 Van Kleeck, M. † *gr* 126 E. 19  
 Van Name, C. S. *a* 618 W. 113  
 Van Ness, C. C. 3 *c* 121 Mt. Pleasant ave., Newark  
 Vannier, M. L. † *nm pa* 416 W. 122  
 Van Nort, J. S. 1 *c* 104 Warburton ave., Yonkers  
 Van Nostrand, C. R. *nm c* 466 Maple ave., Elizabeth  
 Van Nostrand, H. † 2 *b* Little Neck  
 Van Pyk, K. † 1 *b* 15 E. 10  
 Van Raalte, B. E. 2 *c* 10 W. 87  
 Van Riper, G. † 2 *pa* 2771 Boulevard, Jersey City  
 Van Sant, C. † *gr* 400 W. 118  
 Van Sant, J. T. *gr ed* 609 W. 127  
 Van Santford, E. † 1 *pa* Dumont, N. J.  
 Van Sickle, F. † 3 *pa* Whittier  
 Van Siclen, C. D. 2 *l* Bayside  
 Van Syckle, E. † *nm pa* Leonia  
 Vanuxem, L. † 4 *pa* 525 W. 120  
 Vanuxem, M. † 4 *ed* 99 Broad, Newark  
 Van Volkenburgh, E. † 2 *pa* 510 W. 124  
 Van Voorhis, A. J. *phar* Highland Falls  
 Van Wageningen, M. J. *gr ed* 102 Convent ave.  
 Van Wagner, E. H. † 3 *b* 35 Washington ave., Grantwood, N. J.  
 Van Wart, E. † 1 *b* Brooks  
 Varga, J. *phar* 1299 Second ave.  
 Vartanian, V. *gr* 541 Lexington ave.  
 Vaughan, E. *nm gr* 440 West End ave.  
 Vaughan, G. W., Jr. 3 *s* 619 W. 113  
 Vaughan, W. S. 3 *s* 305 W. 84  
 Vaughn, A. M. † *nm ed* 95 Radford, Yonkers  
 Vaughn, C. M. *phar* 161 W. 64  
 Veazey, C. R. † *nm ed* 423 W. 118  
 Vedder, H. V. 2 *c* 612 W. 116  
 Vedder, J. O. 1 *c* 44 E. 76  
 Veit, V. † 1 *b* 98 N. Parkway, East Orange  
 Veitch, B. † *gr ed* 500 W. 122  
 Velte, E. H. 1 *c* 265 Hewes, Bklyn.  
 Vernon, J. B. *gr* Hartley

- Ver Planck, J. C. † *gr* 31 E. 49  
 Victorius, P. J. † *nm ed* 304 W. 92  
 Vieh, M. L. † 4 *pa* 535 W. 135  
 Vierling, M. † 3 *pa*  
 Villalon, E. *gr* 415 W. 115  
 Villamena, E. M. † *phar* 329 E. 116  
 Vincent, L. M. 3 *m* 180 Claremont ave.  
 Vinciprova, L. *phar* 253 Grand  
 Virden, E. H. 2 *c* Hartley  
 Viscardi, J. J. *phar* 131 W. 61  
 Vlymen, H. T. *gr ed* 379 Front, Hempstead  
 Voak, E. E. † *nm pa* 16 W. 101  
 Vogel, D. R. C. *phar* 637 Benedict ave., Woodhaven  
 Vogel, R. 1 *c* 1109 Madison ave.  
 Voigt, H. H. *phar* 809 Myrtle ave., Bklyn.  
 Volekening, L. I. 2 *c* 778 Greene ave., Bklyn.  
 Vollmer, D. W. 4 *s* 614 W. 113  
 Vollmer, H. E. 2 *c* 75 W. 119  
 Volmer, A. K. F. 1 *c* 126 Claremont ave.  
 von Bermuth, A. F. 3 *c* 614 W. 113  
 Von Emburgh, G. H. 3 *c* 693 Devon, Arlington  
 von Heimburg, F. 4 *s* 542 W. 124  
 von Hofe, F. H. 3 *m* 176 N. Centre, Orange  
 Von Hofe, G. D. J. *gr ed* 525 W. 120  
 von Mayhoff, M. 1 *c* 17 E. 37  
 Von Munster, C. H. *nm c* 612 W. 137  
 von Nardroff, R. *gr* 397 Madison, Bklyn.  
 von Voigtlander, M. C. L. *gr* 122 Pierrepont, Bklyn.  
 von Wiegand, C. E. † 1 *b* 3089 Broadway  
 Voorhees, J. H. *gr* Mendham, N. J.  
 Vorsanger, B. M. *phar* 310 W. 16  
 Voska, W. † *phar* 435 E. 86  
 Vosseler, E. A. 2 *l* 574 Bedford ave., Bklyn.  
 Voyse, M. † *gr* 409 Palisade ave., Yonkers  
 Vreeland, H., Jr. 3 *l* 79 Summit ave., Jersey City  
 Vreeland, J. B. 2 *c* 186 Claremont ave.  
 Wachenheimer, R. † 2 *b* 315 W. 94  
 Wacht, J. 1 *c* 539 W. 163  
 Wade, J. D. *gr* Livingston  
 Wadel, E. G. 3 *s* Hartley  
 Wadelton, W. S. 2 *c* 536 W. 114  
 Wadleigh, J. B. *gr ed* 274 Park, Hackensack  
 Wadsworth, E. L. † *gr* Meriden, Conn.  
 Wadsworth, L. J. † 4 *pa* 130 Claremont ave.  
 Wagenvoord, A. † *nm ed* 503 W. 121  
 Wagler, A. C. *nm pa* 835 Sutter ave.  
 Wagner, C. R. *gr* 175 Ninth ave.  
 Wagner, F. C. *gr* 600 W. 122  
 Wagner, G. C. G. 4 *ed* 344 W. 58  
 Wagner, R., Jr. 2 *c* 160 Claremont ave.  
 Wainger, A. *phar* 11 E. 118  
 Wainwright, K. † 2 *b* Brooks  
 Waite, A. F. 1 *l* 634 N. Broadway, Yonkers  
 Waite, C. A. † *gr ed* 419 W. 119  
 Wald, E. † *gr* 492 Convent ave.  
 Waldorf, V. † *gr ed* Eagle Hotel, New Rochelle  
 Waldron, J. W. 4 *c* 213 Heberton ave., Port Richmond  
 Wales, H., Jr. *gr* Furnald  
 Walker, A. W. 3 *s* Furnald  
 Walker, B. † 2 *b* 661 E. 242  
 Walker, E. † *nm ed* 35 W. 82  
 Walker, H. G. † 3 *pa* Whittier  
 Walker, J. † *nm ed* 1025 Lexington ave.  
 Walker, J., 3rd 1 *l* 410 Park ave.  
 Walker, J. A. † *gr* Whittier  
 Walker, J. G. † *gr ed* 477 William, East Orange  
 Walker, L. † *gr ed* 220 W. 129  
 Walker, R. M. 2 *l* 924 West End ave.  
 Walker, S. *gr* 175 Ninth ave.  
 Walker, W. F. 3 *s* 414 Riverside Dr.  
 Wall, M. E. † *gr* 498-1st, Bklyn.  
 Wallace, E. N. † 4 *b* 411 W. 114  
 Wallace, F. L. 3 *l* 110 Manhattan ave.  
 Wallace, G. A. *nm l* 547 W. 123  
 Wallace, H. R. † 1 *b* 777 West End ave.  
 Wallace, M. † 4 *pa* 501 W. 121  
 Wallace, S. C. 1 *c* 426 W. 44  
 Wallach, E. † 4 *b* 310 Convent ave.  
 Wallach, J. C. 3 *s* 736 E. 5  
 Wallach, M. 2 *c* 69 W. 119  
 Waller, K. A. † 3 *pa* 515 W. 124  
 Wallerstein, E. † 2 *pa* Whittier  
 Walley, R. 1 *c* 31 Franklin, Jamaica  
 Walser, K. E. 3 *l* 614 W. 113  
 Walsh, C. J. *gr ed* 480-14th, Bklyn.  
 Walsh, E. † *nm ed* 415 W. 118  
 Walsh, H. S. *gr ed* 544 W. 162  
 Walsh, H. V. 2 *m* 25 E. 128  
 Walsh, J. J. *gr ed* 69 E. 130  
 Walsh, M. 3 *s* 332 Tompkins ave., New Brighton  
 Walsh, M. D. † *sp b* Brooks  
 Walsh, M. J. *gr ed* 419 W. 115  
 Walsh, N. † 2 *pa* 621 W. 179  
 Walt, G. I. *phar* 1754 Eastburn ave.  
 Walter, J. B. † *nm gr* 116 Riverside Dr.  
 Walter, K. † *nm pa* 501 W. 121  
 Walter, M. 3 *s* 565 W. 113  
 Walther, H. E. † 4 *b* 201 N. High, Mt. Vernon  
 Walther, T. H. † 3 *pa* 1969 Seventh ave.



Waltman, H. R. 2 l	Furnald	Waters, T. S. † 2 pa	287 Edgecombe ave.
Walton, A. C. † 3 pa	501 W. 121	Watkins, M. K. † gr	Whittier
Walton, L. S. † gr	855 Gates ave., Bklyn.	Watson, E. F. † gr ed	501 W. 121
Walton, P. E. † gr	523 W. 121	Watson, E. P. † 1 pa	Whittier
Wandell, M. † 1 pa	Whittier	Watson, L. N. † gr	Whittier
Wandremann, S. L. 1 m	119 E. 11	Watson, M. E. † nm ed	Whittier
Wang, C. gr	Hartley	Watson, M. V. † nm pa	1095 St. Johns Pl., Bklyn.
Wang, H. C. gr	Hartley	Watson, M. W. † gr	258 W. 93
Wangshia, C. gr	Hartley	Watson, R. G. 2 m	437 W. 59
Wanner, D. E. † 4 ed	503 W. 121	Watt, M. E. † gr	498-1st, Bklyn.
Waple, C. † 1 pa	Whittier	Watt, R. W. 4 c	540 W. 113
Warburton, L. A. † gr ed	527 W. 121	Watt, R. W. 1 c	8 Morningside ave.
Ward, C. E. 1 c	395 E. 15, Bklyn.	Wattenmaker, J. 2 c	172 Grand, Jersey City
Ward, E. F. † 3 pa	284 S. Clinton, East Orange	Watters, C. F. 2 c	52 Ann, Port Richmond
Ward, F. T. 3 c	600 W. 192	Watts, F. E. † 1 pa	45 W. 36
Ward, G. F. † gr ed	15 Claremont ave.	Watts, M. N. † gr ed	Whittier
Ward, G. J. † 3 pa	219 W. 83	Waycott, F. H. a	627 W. 115
Ward, J. S. gr	Livingston	Weaver, C. nm gr	405 W. 123
Ward, J. V. 2 c	219 W. 83	Weaver, E. W. 4 s	25 Jefferson ave., Bklyn.
Ward, P. T. 2 c	310 W. 95	Weaver, J. H. gr ed	25 Jefferson ave., Bklyn.
Ward, P. W. gr	600 W. 122	Weaver, P. † 3 b	Brooks
Ward, R. S. 1 c	1219 Woodycrest ave.	Webb, E. W. † gr ed	312 S. Second ave., Mt. Vernon
Ward, W. A. gr ed	436 E. 164	Webb, T. H. 4 s	450 Riverside Dr.
Ware, C. C. † gr		Webb, A. J. † gr	61 E. 86
Ware, E. R. 3 m	152 W. 73	Weber, A. F. 2 pa	Wood ave., Linden, N. J.
Ware, G. † nm ed	1285 Madison ave.	Weber, E. † 4 pa	403 W. 115
Ware, G. M. † gr	417 W. 120	Weber, J. W. 2 m	304 W. 92
Warfman, S. phar	115 W. 68	Weber, P. W. gr	920 Bloomfield, Hoboken
Warner, C. † 2 pa	100 Morningside Dr.	Webster, A. † 3 pa	Whittier
Warner, D. D. 3 c	26 Morningside ave.	Webster, E. J. gr	600 W. 122
Warner, E. † 1 pa	26 Morningside ave.	Webster, F. † gr	892 West End ave.
Warner, L. M. 3 pa	347 W. 123	Webster, J. C. 2 l	Livingston
Warren, C. O. gr ed	Furnald	Webster, M. † gr	53 Washington, Newark
Warren, G. L. † 4 pa	Whittier	Webster, W. G. 1 c	68 W. 107
Warren, G. T. † gr	468 E. 134	Wechsler, A. L. 3 c	895 West End ave.
Warren, M. B.		Wechsler, H. 1 c	98-1st
	289 Warburton ave., Yonkers	Weed, B. E. † gr ed	417 W. 120
Warren, M. F. † 4 ed	419 W. 119	Weed, L. A. 4 c	565 W. 113
Warren, R. D. † 1 pa	Whittier	Weeks, C. P. gr ed	159 Taylor, West New Brighton
Warshow, J. 3 c	283 Montauk ave., Bklyn.	Weeks, E. T. † gr	90 Woolsey, Long Island City
Washburn, M. † 2 b	417 W. 120	Weeks, W. C. a	633 W. 115
Washburn, M. † nm gr		Weer, L. E. † gr ed	523 W. 121
Washburn, N. E. † gr ed	524 W. 123	Wegener, H. L. † 1 b	546 W. 113
Washburn, R. † 4 b		Wegener, J. U. 1 c	546 W. 113
	388 Irving ave., Port Chester	Weichert, A. L. † gr ed	Leonia
Washburn, W. 2 l	52 E. 79	Weidner, F. † nm pa	616 W. 116
Washburn, W. M. 2 l	52 E. 79	Weigele, C. E. 1 c	147 Garrison ave., Jersey City
Washington, F. B. gr	15 W. 132		
Wasserman, M. S. phar	1469 Fulton ave.		
Wasson, R. G. 1 j	77 Milford ave., Newark		
Watanabe, K. sp s	176 W. 87		
Watanabe, Z. nm gr	50 Church		
Waterbury, N. R. † gr ed	420 W. 119		
Waterman, C. 4 c			

- Weil, A. P. † 1 *b* 736 West End ave.  
 Weil, F. L. 2 *l* 30 W. 87  
 Weil, M. † 4 *b* 1362 Pacific, Bklyn.  
 Weiler, E. W. 3 *c* 552 W. 114  
 Weinmar, E. W., Jr. 1 *j* Hartley  
 Weinberg, A. O. *gr* 221 E. Broadway  
 Weinberg, F. J. C. 3 *c* 523 W. 113  
 Weinberg, J. † *nm pa* 969 Faile  
 Weinhandler, M. 3 *c* 8659-21st ave., Bklyn.  
 Weinreb, C. 1 *m* 43 W. 112  
 Weinstein, A. *gr* 400 W. 151  
 Weinstein, A. 1 *j* 502 Concord ave.  
 Weinstein, F. † 3 *b* 400 W. 151  
 Weinstein, H. *phar* 39 Suffolk  
 Weinstein, L. 1 *m* 403 E. 52  
 Weinstein, L. *phar* 723 Ninth ave.  
 Weinstein, M. 1 *c* 17 W. 120  
 Weinstein, S. † 4 *b* 17 W. 120  
 Weintraub, P. 1 *c* 19 E. 3  
 Weintraub, P. 2 *c* 144 Ave. C  
 Weintraub, S. 2 *m* 1054 Third ave.  
 Weinzweig, M. 1 *c* 688 Glenmore ave., Bklyn.  
 Weirich, M. C. † *gr* 111 E. 127  
 Weise, K. P. *nm c* 110 Lenox ave.  
 Weiser, S. *gr ed* 787 Crotona Pk. North  
 Weiskopf, E. F. 3 *s* 234 Summit ave., Mt. Vernon  
 Weiss, C. † 4 *b* 44 W. 86  
 Weiss, C. *gr* 51 Hamilton Pl.  
 Weiss, E. A. 2 *j* 50 Slocum Crescent,  
 Forest Hills Gardens  
 Weiss, F. *phar* 79 Jamaica ave., Astoria  
 Weiss, H. *gr* 95 Williams ave., Bklyn.  
 Weiss, J. 1 *l* 309 E. 79  
 Weiss, L. S. 1 *l* 44 W. 86  
 Weiss, R. *phar* 104 Prospect, Winfield  
 Weissenborn, H. C. 4 *c* 595 Wythe ave., Bklyn.  
 Weissman, S. *phar* 335 E. 100  
 Welch, F. M. † 4 *ed* 23 Grove Terrace, Passaic  
 Welding, J. R. 3 *c* Furnald  
 Weldon, E. D. 2 *pa* Hartley  
 Welleck, M. N. † 1 *b* 16 W. 101  
 Weller, E. 1 *l* 936 Hudson, Hoboken  
 Weller, S. B. † *gr* Whittier  
 Welles, A. † 2 *pa* Whittier  
 Welles, W. † *nm b* Brooks  
 Welling, J. B. † 3 *pa*  
 Wellman, K. I. † 3 *pa* Whittier  
 Wellman, W. 3 *j* Furnald  
 Wells, B. † 4 *pa* 509 W. 121  
 Wells, F. † *nm ed* 523 W. 121  
 Wells, K. Z. † *gr* 7 Prospect, White Plains  
 Wells, M. † 4 *b* 2236 University ave.  
 Wells, W. H. 2 *c* 523 W. 121  
 Welsh, H. M. † *gr ed* Whittier  
 Welt, B. 2 *c* 209 S. 9, Bklyn.  
 Welzmler, G. R. † 1 *b* 1453 Bryant ave.  
 Wendell, M. G. † *gr* 281 Edgecombe ave.  
 Wendover, S. H. 4 *j* Furnald  
 Wensley, R. L. 4 *s* Hartley  
 Wentz, E. K. † 4 *pa* Whittier  
 Wentzel, L. *nm pa* 501 W. 121  
 Werner, M. † 1 *b* 742 St. Nicholas ave.  
 Werner, M. † *nm ed* 76 W. 86  
 Werner, M. R. 1 *j* 316 W. 94  
 Werner, O. H. *gr* 541 W. 123  
 Werner, W. 1 *c* 657 Vanderbilt, Bklyn.  
 Wersebe, A. J. 2 *c* 408 W. 115  
 Wersberg, D. M. † *phar* 111 Woolsey, Astoria  
 Wesendonck, M. A. † 1 *b* 311 W. 103  
 West, H. C. † *gr* 100 Upper Mountain ave., Montclair  
 West, L. F. *gr ed* 384 Jay, Bklyn.  
 West, R. 3 *m* 57 W. 57  
 Westcott, M. † *sp b* 243 W. 75  
 Westerbeke, W. H. 2 *c* 271 W. 150  
 Westerman, J. J., Jr. 3 *m* 320 Central Park West  
 Westervelt, H. I. *nm pa* 718 Kearney ave., Arlington, N. J.  
 Westfall, B. G. † *gr ed* Whittier  
 Westheimer, D. † 2 *pa* Whittier  
 Weston, C. G. 2 *m* 511 W. 122  
 Westwood, R. W. 1 *j* Hartley  
 Wetcler, S. *phar* 316 E. 3  
 Wetmore, L. P. † *nm pa* 541 E. 78  
 Wetstein, F. † 1 *pa* 125 E. 82  
 Wetstein, J. *a* 125 E. 82  
 Wetzen, C. J. *sp s* 506 W. 151  
 Weygandt, L. † 2 *b* 154 Hester  
 Whalen, W. *phar* 83 W. 115  
 Whaley, L. † 4 *pa* 510 W. 124  
 Whaling, H. M. *gr* 600 W. 122  
 Wheeler, A. L. 2 *j* Furnald  
 Wheeler, A. U. † 4 *pa* 534 W. 124  
 Wheeler, C. † 4 *pa* Whittier  
 Wheeler C. M. † *gr ed* 537 W. 121  
 Wheeler, J. S. † *gr* 90 Morningside Dr.  
 Wheeler, N. G. *phar* Sandy Creek, N. Y.  
 Wheeler, P. M. *gr ed* 500 W. 114  
 Wheeler, R. † 3 *b* 1003 Woodycrest ave.  
 Wheeler, T. † 2 *pa* Whittier  
 Whelan, F. R. *gr* 153 Stuyvesant ave., Bklyn.  
 Wheless, H. C. 1 *l* Livingston  
 Whenman, L. M. † *gr* 7 E. 15  
 Wherry, M. † *gr ed* Whittier  
 Whipple, I. C. † 2 *b* 470-2nd, Bklyn.  
 Whitaker, L. N. C. † *nm ed* 519 W. 121  
 White, B. T. † 4 *j* 421 W. 118  
 White, C. F. *gr* 419 W. 118

White, D. E. † *gr* 497-4th, Bklyn.  
 White, E. † *nm pa* 1125 Madison ave.  
 White, G. M. 2 *j* Hartley  
 White, H. † 2 *b* 750 Carroll, Bklyn.  
 White, H. D. *gr ed*  
 134 Clifton Pl., Jersey City  
 White, H. M. † 1 *b*  
 190 Vreeland ave., Paterson  
 White, H. O. *gr ed* 91 Spring, Ossining  
 White, L. † 4 *ed* 261 Steuben, Bklyn.  
 White, L. F. † *gr* Whittier  
 White, P. J. Jr. 3 *m* 354 W. 55  
 White, S. P. *gr* 414 W. 118  
 White, W. A. 2 *c* 616 W. 113  
 Whiteford, M. B. † *gr* 435 W. 119  
 Whitehouse C. E. *gr ed*  
 Wood ave., Roosevelt, N. Y.  
 Whitehouse, F. V. 4 *c* Hartley  
 Whitehouse, M. *nm c* Belleclaire Hotel  
 Whitehurst, E. C. † *gr* 1036 Second ave.  
 Whiteley, H. M. † 1 *pa* 530 W. 123  
 Whitford, A. B. † *nm pa* 501 W. 120  
 Whitlock, F. J. † *nm pa* 527 W. 121  
 Whitlock, M. † *nm pa*  
 204 Raritan ave., New Brunswick  
 Whitlock, S. O. † *nm ed*  
 204 Raritan ave., New Brunswick  
 Whitney, F. F. *gr*  
 323 Summer, Stamford, Conn.  
 Whittaker B. E. *gr ed* Oyster Bay, N. Y.  
 Whittington, M. C. † 4 *pa* Whittier  
 Whyte, A. † *nm pa*  
 8 Ridgwood Rd., Maplewood, N. J.  
 Whyte, M. † 4 *pa*  
 14 Benedict ave., Tarrytown  
 Wickes, F. G. *gr* 430 W. 119  
 Wickwire, E. W. † *gr* 405 W. 118  
 Widmer, W. E. 1 *s* 429 W. 117  
 Wieler, H. *nm m* 346 W. 59  
 Wiener, J. J. 4 *m* 1717 Madison ave.  
 Wiener, M. G. 4 *c* Hartley  
 Wiesenberger, A. 1 *c* 58 E. 93  
 Wiggin, C. † *gr ed* 130 E. 24  
 Wiggins, T. D. 3 *c*  
 144 S. Grove, Freeport  
 Wilber, A. B. 3 *c* 54 Morris, Yonkers  
 Wilber, D. † *nm b* 415 W. 118  
 Wilber, R. B. † *gr* Sound Beach, Conn.  
 Wilcox, I. † *gr ed*  
 4 Castleton Park, New Brighton  
 Wilcox, R. C. *a* 404 W. 115  
 Wildman, J. *phar* 887 Forest ave.  
 Wilens, I. 3 *m* 68 Lenox ave.  
 Wilensky, W. *phar* 12 E. 113  
 Wiles, M. E. 1 *c* Hartley  
 Wilkens, E. A. † 3 *b* 284 Alexander ave.  
 Wilkes, B. C. † 3 *pa*  
 49 St. Nicholas Terrace  
 Wilkinson, A. K. † *nm pa* Whittier

Wilkinson, H. C. 1 *m* Furnald  
 Will, L. B. † *nm ed*  
 106 Morningside Dr.  
 Willard, E. G. † *nm ed*  
 326 Summer ave., Newark  
 Willard, P. 1 *c* Larchmont  
 Willbach, H. *gr* 39 Ave. A  
 Willey, H. 3 *s* 522 W. 123  
 Williams, C. E. † 1 *b*  
 33 Lincoln ave., Roselle Park  
 Williams, C. E. 2 *l* 232 W. 129  
 Williams, F. F. *gr ed* 500 W. 122  
 Williams, F. M. *gr ed*  
 230 St. James Pl., Bklyn.  
 Williams, F. P. 4 *s* 538 W. 114  
 Williams, G. † 1 *b* Brooks  
 Williams, G. 1 *c* Hartley  
 Williams, G. D. † 1 *pa*  
 230 St. James Pl., Bklyn.  
 Williams, G. H. 1 *c* 630 W. 135  
 Williams, G. L. *gr* 510 W. 124  
 Williams, H. † 1 *b* 110 W. 128  
 Williams, H. C. 1 *l* Livingston  
 Williams, H. R. *gr* 600 W. 122  
 Williams, H. W. † *gr ed* 51 Clark, Bklyn.  
 Williams, I. C. † 3 *b*  
 148 First ave., Astoria  
 Williams, I. N. † 4 *pa* 519 W. 121  
 Williams, J. H. *gr ed* 411 W. 114  
 Williams, L. † 3 *pa* Whittier  
 Williams, L. *gr* 527 W. 121  
 Williams, L. M. † 3 *pa* Whittier  
 Williams, M. † *nm ed*  
 223 Chelsea ave., Long Branch, N. J.  
 Williams, M. † *nm ed* Whittier  
 Williams, M. A. † *nm pa* 255 W. 98  
 Williams, M. E. † *gr*  
 1090 St. Nicholas ave.  
 Williams, M. O. 4 *j* Furnald  
 Williams, O. † 3 *b* 12 Grove, Englewood  
 Williams, R. B. 1 *l* Furnald  
 Williams, R. B. *nm l* Livingston  
 Williams, R. C. *sp s* Furnald  
 Williams, R. H. † 2 *pa*  
 114 Morningside Dr.  
 Williams, S. C. 3 *c* 531 W. 113  
 Williams, V. † 2 *b* 1356 Pacific, Bklyn.  
 Williams, V. † 2 *b* 450-6th, Bklyn.  
 Williamson, E. M. † *nm ed* Whittier  
 Williamson, M. H. † 4 *pa* 35 E. 32  
 Williamson, R. G. 4 *s* 510 W. 113  
 Willmann, E. † 1 *b*  
 400 Manhattan ave.  
 Willis, H. G. *gr* 600 W. 122  
 Wills, A. L. *gr* 519 W. 121  
 Wills, C. E. 4 *m* 31 W. 61  
 Wills, H. H. *gr* 519 W. 121  
 Willson, A. 1 *j* 657 E. 226  
 Willson, M. J. *gr ed* 19 E. 103

- Willyoung, J. C. 1 *c* Hartley  
 Wilmer, R. H. 2 *l* 440 Riverside Dr.  
 Wilmot, E. M. † 3 *pa* Whittier  
 Wilmot, M. E. † *gr*  
 126 Prospect Pl., Bklyn.  
 Wilshusen, H. F. 2 *c* 455 W. 143  
 Wilson, D. A. 3 *l* 610 W. 113  
 Wilson, D. E. *nm ed* Livingston  
 Wilson, E. *phar* 82 Pierrepont, Bklyn.  
 Wilson, E. H., Jr. *phar* 308-16th, Bklyn.  
 Wilson, E. N. † *nm ed*  
 105 Corlies Ave., Pelham  
 Wilson, F. R. 2 *c* Hartley  
 Wilson, G. 3 *s* 149 E. 52  
 Wilson, H. F. † *nm pa* 537 W. 121  
 Wilson, J. 4 *m* 162 York, Jersey City  
 Wilson, J. F. 3 *m* 424 E. 15, Bklyn.  
 Wilson, L. † 3 *b* 149 E. 52  
 Wilson, M. † *nm ed* 414 W. 118  
 Wilson, M. † 3 *pa*  
 105 Corlies ave., Pelham  
 Wilson, M. † *nm pa* 435 W. 119  
 Wilson, M. C. *gr ed* Morristown  
 Wilson, M. J. † 4 *ed* 414 W. 118  
 Wilson, M. M. † *gr ed*  
 162 Herkimer, Bklyn.  
 Wilson, N. E. † *gr ed* 519 W. 121  
 Wilson, P. C. † *gr* 21 Morningside ave.  
 Wilson, R. E. 1 *c* Bronxville  
 Wilson, S. J. *gr* 110 Kent, Bklyn.  
 Wilson, W. C. 2 *c* 110 Kent, Bklyn.  
 Wilson, W. F. *a* Livingston  
 Wilson, W. H. *gr ed*  
 48 Seventeenth ave., Paterson  
 Wilson, Y. L. 1 *l* 418 W. 118  
 Wilson, Z. L. † 3 *pa* Whittier  
 Winans, C. B. 2 *c* 509 W. 112  
 Winant, F., Jr. 1 *m* 103 E. 71  
 Winchell, J. A. † 4 *pa*  
 176 Elm ave., Mt. Vernon  
 Wineland, G. † *nm ed* Whittier  
 Winford, C. A. † *nm ed* 523 W. 121  
 Winfrey, L. E. *gr* 411 W. 115  
 Winkin, C. S. † 3 *b* 348 W. 123  
 Winkler, M. H. 3 *j* 185 Pulaski, Bklyn.  
 Winn, H. L. † *gr ed*  
 Winslow, G. † 1 *pa* 110 Morningside Dr.  
 Winslow, J. C. *a* Hartley  
 Winslow, R. † 3 *pa*  
 22 Hapworth Pl., Garfield, N. J.  
 Winslow, V. P. † 3 *pa* 523 W. 121  
 Winter, L. J. † *gr ed* 120 E. 85  
 Winternitz, D. H. 4 *m* 422 W. 57  
 Winterrowd, P. † *nm gr* 430 W. 118  
 Wirklich, H. 2 *m* 136 Attorney  
 Wise, A. J. † *nm ed*  
 349 Central Park West  
 Wise, H. W. † *gr*  
 410 William, East Orange  
 Wise, R. L. 4 *c* Hartley  
 Wise, S. 2 *m* 332 W. 55  
 Wishaar, W. P. *nm l* Farnald  
 Wishnieff, H. V. † 3 *b*  
 Witson, A. A. *gr*  
 1504 Eastern Parkway, Bklyn.  
 Witt, R. † 1 *pa*  
 68 Boerum ave., Flushing  
 Wittner, H. D. † 2 *pa*  
 195 St. Nicholas ave., Bklyn.  
 Witwer, P. † *gr ed* Whittier  
 Witzell, P. J. 4 *c* 618 W. 113  
 Wobber, F. † 3 *b* 510 W. 124  
 Wohl, M. I. *phar* 165 Ludlow  
 Wohlfarth, A. † *gr*  
 672 St. Nicholas ave.  
 Wohlfeil, L. B. *gr* 158 W. 126  
 Wohlfeil, M. B. † *gr ed*  
 Pleasantville, N. Y.  
 Woititz, E. † 3 *b* 250 W. 94  
 Wolf, A. † *gr ed* Whittier  
 Wolf, I. M. 1 *m* 560 W. 180  
 Wolf, W. J. 2 *l* 22 E. 81  
 Wolfe, B. D. *gr* 148 Berriman, Bklyn.  
 Wolfe, C. † *gr ed* 555 W. 173  
 Wolff, B. 1 *c* 21 E. 82  
 Wolfner, I. B. 3 *c* 166 W. 87  
 Wolfson, W. *phar*  
 226 Jane, Weehawken Heights  
 Wolowitz, A. C. 1 *l*  
 364 Hinsdale, Bklyn.  
 Wolper, E. † 1 *pa* 1911 Madison ave.  
 Woltmann, J. H. 2 *c* 108 Macon, Bklyn.  
 Wong, J. *gr* 540 W. 122  
 Wood, C. C. *nm ed* 423 W. 118  
 Wood, E. E. † *gr* 70 W. 11  
 Wood, F. A. 4 *c* 612 W. 116  
 Wood, M. M. † *gr* 505 W. 124  
 Wood, N. † *gr* 435 W. 119  
 Wood, P. M. 4 *c* 618 W. 113  
 Wood, W. V. 1 *j* Hartley  
 Woodbridge, R. † 2 *b* 533 W. 124  
 Woodbury, D. O. † 3 *pa* Whittier  
 Woodbury, R. V. † 3 *pa* Whittier  
 Wooden, J. C. 2 *l* 429 W. 117  
 Woodley, M. † *gr ed* Whittier  
 Woodruff, A. † 2 *pa* Whittier  
 Woodruff, J. H. † *nm pa* 523 W. 121  
 Woods, F. C. † *nm ed*  
 738 Chauncey, Bklyn.  
 Woods, G. E. *nm l* Farnald  
 Woods, M. C. † *gr* 70 Morningside Dr.  
 Woods, M. I. † *nm ed*  
 738 Chauncey, Bklyn.  
 Woodward, C. A. *gr* 600 W. 122  
 Woodward, E. V. † 4 *ed*  
 106 Morningside Dr.  
 Woodward, H. G. *gr* 526 W. 123  
 Woody, A. M. † *nm ed* 527 W. 121

- Woody, C. *gr ed* 503 W. 124  
 Woody, L. K. † *nm pa* 523 W. 122  
 Woody, W. T. *gr ed* 503 W. 124  
 Wootton, J. E. *gr* 175 Ninth ave.  
 Work, L. T. 1 *c* 65 Colgate ave., Yonkers  
 Workman, A. J. † *nm ed* 301 W. 114  
 Wormser, F. E. 4 *s* 100 W. 91  
 Wormser, R. A. 3 *c* 100 W. 91  
 Worstell, H. S. † *gr* 234 W. 113  
 Worthington, J. E. Jr. 1 *l* 550 W. 114  
 Wortmann, C. J. † 4 *pa* 38 Lafayette, Bklyn.  
 Worts, G. F. *nm j* 627 W. 113  
 Wright, C. D. † *nm ed* 73 W. 88  
 Wright, E. † 3 *b* 490 Riverside Dr.  
 Wright, L. R. *phar* 2307 Seventh ave.  
 Wright, W. A. 1 *c* 39 Claremont ave.  
 Wrightsman, C. B. 2 *c* Plaza Hotel  
 Wulp, H. † 1 *b* 2975 Perry ave.  
 Wurm, C., Jr. 3 *m* 606 E. 164  
 Wurzbach, F. A., Jr. 3 *c* 381 E. 165  
 Wylie, A. T. *gr ed* 509 W. 122  
 Wyman, G. H. 1 *l* Livingston  
 Yampolsky, J. 3 *m* 407 Ralph ave., Bklyn.  
 Yang, K. E. *gr* 106 Morningside Dr.  
 Yankauer, W. D. 1 *c* 142 W. 88  
 Yano, T. *nm gr* 609 W. 139  
 Yasui, S. *gr* 512 W. 134  
 Yeater, L. J. † *gr ed* Whittier  
 Yeates, C. † 1 *pa* 30 W. 190  
 Yeaton, W. L. 2 *m* 1107 Park ave., Hoboken  
 Yeghenian, A. *nm gr* 50 Nevins, Bklyn.  
 Yerkes, H. A., Jr. 3 *c* 15 Acorn, Elmhurst  
 Yokelson, S. C. 3 *s* 196 Vernon ave., Bklyn.  
 York, G. I. † *gr ed* Whittier  
 Yoshida, T. *nm s* Japanese Consulate  
 Yost, F. L. *gr ed* Orange  
 Young, B. F. *gr* Livingston  
 Young, E. D. † *gr ed* 246 E. 105  
 Young, F. M. † *nm ed* 1373 E. 27, Bklyn.  
 Young, H. † 3 *pa* 333 S. Third ave., Mt. Vernon  
 Young, J. E. † 1 *b* 264 Ovington ave., Bklyn.  
 Young, J. D. 1 *c* 312 W. 88  
 Young, R. A. † 3 *pa* 77 Passaic ave., Garfield, N. J.  
 Youngham, E. C. † *gr* 309 W. 86  
 Youngs, H. † 3 *b* 600 W. 115  
 Yowell, J. J. 2 *l* 318 W. 116  
 Yules, J. 3 *pa* 341 Williams ave., Bklyn.  
 Yungerman, H. 3 *pa* 127 Ludlow  
 Zabriskie, A. † 2 *pa* 422 W. 57  
 Zaccardo, D. A. *phar* 641 Third ave.  
 Zachry, C. B. † *nm ed* 54 Morningside Dr.  
 Zagat, R. † 2 *b* 515 W. 110  
 Zamkin, H. O. 4 *m* 123 E. 101  
 Zartman, L. S. 2 *l*  
 Zasofsky, P. 3 *c* Livingston  
 Zatulove, I. I. *phar* 860 E. 161  
 Zeiger, S. 3 *d* 157 Van Buren, Bklyn.  
 Zeltner, G. A. 2 *c* 1464 Washington ave.  
 Zeman, D. † 3 *pa* 17 Spencer Pl., Bklyn.  
 Zeman, F. D. 3 *m* 17 Spencer Pl., Bklyn.  
 Zertner, J. 1 *c* 445-1st, Bklyn.  
 Zeuli, O. H. *phar* 315 E. 21  
 Zeydel, E. H. *gr* 416 Westminster Rd., Bklyn.  
 Zhen, M. S. *gr* Hartley  
 Ziegler, C. W. *gr ed* 503 W. 121  
 Ziegler, J. M. 2 *m* 155 E. 97  
 Ziese, E. C. † 3 *pa* Whittier  
 Zimbel, J. *nm c* 252 E. 4  
 Zimmer, D. B. 4 *c* 111 W. 120  
 Zimmerman, J. *gr ed* 636 E. 5  
 Zinckgraf, R. G. 1 *c* 539 E. 147  
 Zinco, E. B. † *gr* 1871 Barnes ave.  
 Zins, M. 4 *s* 133 W. 113  
 Zinsser, J. S. *gr* Hastings-on-Hudson  
 Zoellner, H. W. *nm l* Hartley  
 Zons, C. L. G. 1 *pa* 459 Convent ave.  
 Zorn, F. † *gr* 55 Chauncey, Bklyn.  
 Zuckerman, S. 3 *s* 228 S. 3, Bklyn.  
 Zuege, H. W. 3 *c* 958 Steinway ave., Long Island City  
 Zychlinski, L. W. 2 *c* 452 Cherry  
 Zyndall, E. † 3 *pa* 415 W. 118

## SUMMARY

### OFFICERS

Professors (not including 3 administrative officers of professorial rank).....	169	
Associate Professors .....	46	
Assistant Professors.....	115	
Clinical Professors.....	25	
Associates.....	41	
Instructors.....	166	
Curators.....	3	
Lecturers and other Special Officers of Instruction.....	38	
Assistants.....	86	
Clinical Assistants.....	110	
<hr/>		
UNIVERSITY OFFICERS OF INSTRUCTION .....	799	
OTHER INSTRUCTORS IN TEACHERS COLLEGE.....	123	
OTHER INSTRUCTORS IN COLLEGE OF PHARMACY.....	9	
<hr/>		931
UNIVERSITY OFFICERS OF ADMINISTRATION.....		42
OTHER OFFICERS OF ADMINISTRATION, BARNARD COLLEGE, TEACHERS COLLEGE, AND COLLEGE OF PHARMACY....		8
<hr/>		981
EMERITUS OFFICERS.....		14
<hr/>		
TOTAL.....		995
HORACE MANN SCHOOL and SPEYER SCHOOL ( <i>not included above</i> ).....		101

### STUDENTS

#### COLUMBIA COLLEGE:

Fourth-year class.....	223	
Third-year " .....	215	
Second-year " .....	294	
First-year " .....	442	
Non-matriculated.....	79	
<hr/>		1253

#### The School of Law:

Third-year class.....	124	
Second-year " .....	175	
First-year " .....	122	
Non-matriculated.....	64	
<hr/>		485

Carried forward.....	1738
----------------------	------

# SUMMARY

103

Brought forward.....	1738
The School of MEDICINE:	
Fourth-year class.....	71
Third-year ".....	97
Second-year ".....	94
First-year ".....	91
Non-matriculated.....	20
	<hr/> 373
The Schools of MINERS, ENGINEERING, AND CHEMISTRY:	
Fourth-year class.....	127
Third-year ".....	151
Second-year ".....	..
First-year ".....	24
Non-matriculated.....	47
	<hr/> 349
School of ARCHITECTURE.....	91
The School of JOURNALISM:	
Fourth-year class.....	25
Third-year ".....	26
Second-year ".....	33
First-year ".....	43
Non-matriculated.....	15
	<hr/> 142
The Graduate Faculties of POLITICAL SCIENCE, PHILOSOPHY, and PURE SCIENCE.....	2335
	<hr/> 5028
TOTAL.....	5028
BARNARD COLLEGE.....	694
TEACHERS COLLEGE:	
School of Education.....	1030
School of Practical Arts.....	1192
COLLEGE OF PHARMACY.....	505
	<hr/> 8449
TOTAL.....	8449
Deduct Double Registration.....	797
	<hr/> 7652
NET TOTAL OF RESIDENT STUDENTS.....	7652
Summer Session Students, 1915.....	5961
Deduct Double Registration.....	1153
	<hr/> 4808
	<hr/> 12460
GRAND TOTAL OF RESIDENT STUDENTS.....	12460
Students in Extension Courses (including 661 duplica- cates, but excluding those registered at extra-mural centers).....	4448
Number of enrollments in Special Classes under Extension Teaching.....	2349











